

Docket No.: PS903

N THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Rosen et al.

Confirmation No.: 5550

Application No.: 10/664,359

Art Unit: 1653

Filed: September 20, 2003

Examiner: Not Yet Assigned

For: 195 Human Secreted Proteins

SECOND REQUEST FOR CORRECTED FILING RECEIPT

Filing Receipt Corrections
Office of Initial Patent Examination
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant hereby requests that a corrected Updated Filing Receipt be issued in the above-identified patent application. The official Updated Filing Receipt received by Applicant, mailed October 19, 2004, a copy of which is attached hereto, has the following errors, which have been marked in red on the Filing Receipt:

- 1. On page 3 of the Updated Filing Receipt, after line 37, which reads "is a CIP of 09/882,171 06/18/2001," insert -- which claims benefit of 60/190,068 03/17/2000 --;
- 2. On page 5 of the Updated Filing Receipt, after line 36, which reads "is a CIP of 10/058,993 01/30/2002," insert -- which claims benefit of 60/256,583 12/19/2000 --;
- 3. On page 5 of the Updated Filing Receipt, line 37, which follows the newly inserted benefit claim from (2) above, delete "which" and insert -- and --;
- 4. On page 5 of the Updated Filing Receipt, delete line 38, which reads "which claims benefit of 50/256,583 12/19/2000";
- 5. On page 5 of the Updated Filing Receipt, line 39, delete "and" and insert -- which -- so that the line reads "which is a CIP of 09/152,060 09/11/1998";

Application No.: 10/664,359 Docket No.: PS903

6. On page 5 of the Updated Filing Receipt, line 51, delete "60/256,583

12/19/2000" and insert -- 60/265,583 02/02/2001 --;

7. On page 8 of the Updated Filing Receipt, after the last line of priority

information and before "Foreign Applications," insert the priority information

from the Application Data Sheet filed September 20, 2003, beginning with

line 6 on page 15 and ending with the last line on page 35.

Also filed herewith is a copy of the Application Data Sheet and date-stamped Serial

Number Postcard filed with the present application on September 20, 2003 showing that the

errors herein were created by the USPTO, and not by Applicants.

Applicants additionally request that all pertinent U.S. Patent and Trademark Office

records relating to the subject application be changed to reflect this correction. It is requested

that a corrected Official Filing Receipt be issued, and sent to the undersigned at the earliest

possible time.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency,

or credit any overpayment, to our Deposit Account No. 08-3425.

Dated: October 22, 2004

Respectfully submitted,

Kenley K. Hoover

Registration No.: 40,302

HUMAN GENOME SCIENCES, INC.

14200 Shady Grove Road

Rockville, Maryland 20850

(301) 610-5771

KKH/mr

PTO/SB/17 (10-03) Approved for use through 7/31/2006. OMB 0651-0032

Under the aperwork Reduction Act of 1995, no persons are requ	ired to r	espond 1	U.S. Pa	atent an	d Trademark f information	Office; U.S.	DEPARTMENT OF O	COMMERCE
RADEN		оорола	0 0 00	3000.1	Comp	lete if Kn	own	
FEE TRANSMITTAL	.]	Applic	ation I	Numbe			9-Conf. #5550	
for FY 2004		Filing				Septembe	er 20, 2003	
		First I	Named	Inven	tor (Craig A. F	Rosen	
Effective 10/01/2003. Patent fees are subject to annual revision.		Exam	iner Na	ame		Not Yet A	ssigned	
Applicant claims small entity status. See 37 CFR 1.27		Art Ur	nit			1653		
TOTAL AMOUNT OF PAYMENT (\$) 0.00		Attom	ey Doo	ket No	o. 1	PS903		
METHOD OF PAYMENT (check all that apply)				FEE	CALCUL	ATION (co	ntinued)	
Check Credit Money Order Other None	3. A	DDITI	ONAL	FEES		-		
X Deposit Account:	Large	Entity	Small	Entity				
Deposit Account 08-3425 Number	Fee Code	Fee (\$)	Fee Code	Fee (\$)	-	Fee Desc	ription	Fee Paid
Deposit	1051	130	2051	65	Surcharge -	- late filing fe	e or oath	
Account Name Human Genome Sciences, Inc.	1052	50	2052	25	-		onal filing fee or cover	
The Director is authorized to: (check all that apply)	1032	50	2032	23	sheet.			
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English	n specification	n	
X Charge any additional fee(s) or any underpayment of fee(s)	1812	2,520	1812	2,520	_		arte reexamination	
Charge fee(s) indicated below, except for the filling fee	1804	920*	1804	920°	Examiner ad	ction	f SIR prior to	
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting Examiner ac	publication o ction	f SIR after	
FEE CALCULATION	1251	110	2251	55	Extension fo	or reply within	first month	
1. BASIC FILING FEE	1252	420	2252	210			second month	i
Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Fee Paid	1253	950	2253	475		or reply within		\vdash
Code (\$) Code (\$)	1254	1,480	2254	740			fourth month	
1001 770 2001 385 Utility filing fee 1002 340 2002 170 Design filing fee	1255 1401	2,010 330	2255 2401	1,005 165	Extension fo		n fifth month	<u> </u>
1002 340 2002 170 Design filing fee 1003 530 2003 265 Plant filing fee	1402	330	2401	165	Notice of Ap	f in support o	f an anneal	
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	-	oral hearing	. a appoar	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to in	nstitute a pub	lic use proceeding	
SUBTOTAL (1) (\$) 0.00	1452	110	2452	55	Petition to re	evive – unavo	oidable	
(1)	1453	1,330	2453	665	Petition to re	evive - uninte	entional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Fee from	1501	1,330	2501	665	-	fee (or reissu	ne)	
Claims below Fee Paid	1502	480	2502	240	Design issu			
Total Claims -20** = x =	1503 1460	640 130	2503 1460	320 130	Plant issue	tee the Commiss	ione.	
Claims X	1807	50	1807	50			CFR 1.17(q)	
Multiple Dependent = =	1806	180	1806	180	_		on Disclosure Stmt	
Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Description	8021	40	8021	40	Recording e	each patent a	ssignment per	
Code (\$) Code (\$) Tee Description	1809	770	2809	385			of properties) final rejection	
1201 86 2201 43 Independent claims in excess of 3					(37 ČFR 1.1	129(a)) Iditional inver	otion to be	
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385		37CFR 1.129		
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801	385	-	Continued E	xamination (RCE)	<u> </u>
1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900	of a design		kammation	
and over original patent	1	fee (spe						
**or number previously paid, if greater; For Reissues, see above	*Red	uced by	Basic Fi	ling Fee	e Paid	SUBTO	TAL (3) (\$)	0.00
SUBMITTED BY 2					•	(Complete	(if applicable))	
Name (Print/Type) Kenley K. Hoover		ration No ey/Agent		,302		Telephone	(301) 610-5771	
	LOUGH	cyragent		·		Date	October 22, 20	



S PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS PO. Box 1450 Alexandria, Virginia 22313-1450 www.unpto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/664,359	09/20/2003	1653	1036	PS903		24	4

22195

22195 HUMAN GENOME SCIENCES INC INTELLECTUAL PROPERTY DEPT.

14200 SHADY GROVE ROAD ROCKVILLE, MD 20850 RECEIVED

OCT 2 0 2004

HGS PATENT DEPT.

CONFIRMATION NO. 5550

UPDATED FILING RECEIPT

OC00000014119989

Date Mailed: 10/19/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Craig A. Rosen, Laytonsville, MD; Steven M. Ruben, Brookeville, MD;

Power of Attorney: The patent practitioners associated with Customer Number 22195.

Domestic Priority data as claimed by applicant

This application is a CIP of PCT/US02/08279 03/19/2002 which is a CIP of 10/100,683 03/19/2002 which claims benefit of 60/277,340 03/21/2001 and claims benefit of 60/306,171 07/19/2001 and claims benefit of 60/331,287 11/13/2001 and is a CIP of 09/981,876 10/19/2001 which is a DIV of 09/621,011 07/20/2000 which is a CON of 09/148.545 09/04/1998 PAT 6.590.075 which is a CIP of PCT/US98/04482 03/06/1998 and said 10/100,683 03/19/2002 is a CIP of 09/621,011 07/20/2000 which is a CON of 09/148.545 09/04/1998 PAT 6.590.075 which is a CIP of PCT/US98/04482 03/06/1998 and said 10/100,683 03/19/2002 is a CIP of 09/148,545 09/04/1998 PAT 6,590,075 which is a CIP of PCT/US98/04482 03/06/1998 and said 10/100,683 03/19/2002 is a CIP of PCT/US98/04482 03/06/1998

which claims benefit of 60/040,162 03/07/1997 and claims benefit of 60/040,333 03/07/1997 and claims benefit of 60/038,621 03/07/1997 and claims benefit of 60/040,161 03/07/1997 and claims benefit of 60/040,626 03/07/1997 and claims benefit of 60/040,334 03/07/1997 and claims benefit of 60/040,336 03/07/1997 and claims benefit of 60/040,163 03/07/1997 and claims benefit of 60/047,615 05/23/1997 and claims benefit of 60/047,600 05/23/1997 and claims benefit of 60/047,597 05/23/1997 and claims benefit of 60/047,502 05/23/1997 and claims benefit of 60/047,633 05/23/1997 and claims benefit of 60/047,583 05/23/1997 and claims benefit of 60/047.617 05/23/1997 and claims benefit of 60/047,618 05/23/1997 and claims benefit of 60/047,503 05/23/1997 and claims benefit of 60/047,592 05/23/1997 and claims benefit of 60/047.581 05/23/1997 and claims benefit of 60/047,584 05/23/1997 and claims benefit of 60/047,500 05/23/1997 and claims benefit of 60/047,587 05/23/1997 and claims benefit of 60/047,492 05/23/1997 and claims benefit of 60/047,598 05/23/1997 and claims benefit of 60/047,613 05/23/1997 and claims benefit of 60/047.582 05/23/1997 and claims benefit of 60/047,596 05/23/1997 and claims benefit of 60/047,612 05/23/1997 and claims benefit of 60/047,632 05/23/1997 and claims benefit of 60/047,601 05/23/1997 and claims benefit of 60/043,580 04/11/1997 and claims benefit of 60/043,568 04/11/1997 and claims benefit of 60/043.314 04/11/1997 and claims benefit of 60/043,569 04/11/1997 and claims benefit of 60/043,311 04/11/1997 and said PCT/US98/04482 claims benefit of 60/043,671 04/11/1997 and claims benefit of 60/043,674 04/11/1997 and claims benefit of 60/043,669 04/11/1997 and claims benefit of 60/043,312 04/11/1997 and claims benefit of 60/043,313 04/11/1997 and claims benefit of 60/043,672 04/11/1997 and claims benefit of 60/043,315 04/11/1997 and claims benefit of 60/048,974 06/06/1997 and claims benefit of 60/056,886 08/22/1997 and claims benefit of 60/056,877 08/22/1997 and claims benefit of 60/056,889 08/22/1997 and claims benefit of 60/056,893 08/22/1997 and claims benefit of 60/056,630 08/22/1997 and claims benefit of 60/056,878 08/22/1997 and claims benefit of 60/056,662 08/22/1997 and claims benefit of 60/056,872 08/22/1997 and claims benefit of 60/056,882 08/22/1997 and claims benefit of 60/056,637 08/22/1997 and claims benefit of 60/056,903 08/22/1997 and claims benefit of 60/056,888 08/22/1997 and claims benefit of 60/056,879 08/22/1997 and claims benefit of 60/056,880 08/22/1997 and claims benefit of 60/056,894 08/22/1997 and claims benefit of 60/056,911 08/22/1997

```
and claims benefit of 60/056,636 08/22/1997
and claims benefit of 60/056,874 08/22/1997
and claims benefit of 60/056,910 08/22/1997
and claims benefit of 60/056,864 08/22/1997
and claims benefit of 60/056,631 08/22/1997
and claims benefit of 60/056,845 08/22/1997
and claims benefit of 60/056,892 08/22/1997
and claims benefit of 60/047,595 05/23/1997
and claims benefit of 60/057,761 09/05/1997
and claims benefit of 60/047,599 05/23/1997
and claims benefit of 60/047,588 05/23/1997
and claims benefit of 60/047,585 05/23/1997
and claims benefit of 60/047,586 05/23/1997
and claims benefit of 60/047,590 05/23/1997
and claims benefit of 60/047.594 05/23/1997
and claims benefit of 60/047,589 05/23/1997
and claims benefit of 60/047,593 05/23/1997
and claims benefit of 60/047,614 05/23/1997
and claims benefit of 60/043,578 04/11/1997
and claims benefit of 60/043,576 04/11/1997
and claims benefit of 60/047,501 05/23/1997
and claims benefit of 60/043,670 04/11/1997
and claims benefit of 60/056,632 08/22/1997
and claims benefit of 60/056,664 08/22/1997
and claims benefit of 60/056,876 08/22/1997
and claims benefit of 60/056,881 08/22/1997
and said PCT/US98/04482
claims benefit of 60/056,909 08/22/1997
and claims benefit of 60/056,875 08/22/1997
and claims benefit of 60/056,862 08/22/1997
and claims benefit of 60/056,887 08/22/1997
and claims benefit of 60/056,908 08/22/1997
and claims benefit of 60/048,964 06/06/1997
and claims benefit of 60/057,650 09/05/1997
and claims benefit of 60/056,884 08/22/1997
and said 10/100.683
is a CIP of 09/882,171 06/18/2001 WHICH CLAIMS BENEFIT OF 60/199 068 03/17/2000
which is a CON of 09/809,391 03/16/2001 ABN
which is a CIP of 09/149,476 09/08/1998 PAT 6,420,526
which is a CIP of PCT/US98/04493 03/06/1998
and said 10/100,683
is a CIP of 09/809,391 03/16/2001 ABN
which claims benefit of 60/190,068 03/17/2000
and is a CIP of 09/149,476 09/08/1998 PAT 6,420,526
which is a CIP of PCT/US98/04493 03/06/1998
and said 10/100,683
is a CIP of 09/149,476 09/08/1998 PAT 6,420,526
which is a CIP of PCT/US98/04493 03/06/1998
and said 10/100,683
is a CIP of PCT/US98/04493 03/06/1998
which claims benefit of 60/040,161 03/07/1997
and claims benefit of 60/040,162 03/07/1997
and claims benefit of 60/040,333 03/07/1997
and claims benefit of 60/038,621 03/07/1997
and claims benefit of 60/040,626 03/07/1997
and claims benefit of 60/040,334 03/07/1997
and claims benefit of 60/040,336 03/07/1997
and claims benefit of 60/040,163 03/07/1997
and claims benefit of 60/047,600 05/23/1997
and claims benefit of 60/047,615 05/23/1997
```

and claims benefit of 60/047.597 05/23/1997 and claims benefit of 60/047,502 05/23/1997 and claims benefit of 60/047,633 05/23/1997 and claims benefit of 60/047,583 05/23/1997 and claims benefit of 60/047.617 05/23/1997 and claims benefit of 60/047,618 05/23/1997 and claims benefit of 60/047,503 05/23/1997 and claims benefit of 60/047,592 05/23/1997 and claims benefit of 60/047,581 05/23/1997 and claims benefit of 60/047,584 05/23/1997 and claims benefit of 60/047,500 05/23/1997 and claims benefit of 60/047,587 05/23/1997 and claims benefit of 60/047,492 05/23/1997 and claims benefit of 60/047,598 05/23/1997 and claims benefit of 60/047,613 05/23/1997 and claims benefit of 60/047,582 05/23/1997 and claims benefit of 60/047,596 05/23/1997 and claims benefit of 60/047,612 05/23/1997 and claims benefit of 60/047,632 05/23/1997 and claims benefit of 60/047,601 05/23/1997 and claims benefit of 60/043.580 04/11/1997 and said PCT/US98/04493 claims benefit of 60/043,568 04/11/1997 and claims benefit of 60/043,314 04/11/1997 and claims benefit of 60/043,569 04/11/1997 and claims benefit of 60/043,311 04/11/1997 and said PCT/US98/04482 claims benefit of 60/043.671 04/11/1997 and said PCT/US98/04493 claims benefit of 60/043,674 04/11/1997 and claims benefit of 60/043,669 04/11/1997 and claims benefit of 60/043,312 04/11/1997 and claims benefit of 60/043,313 04/11/1997 and claims benefit of 60/043,672 04/11/1997 and claims benefit of 60/043,315 04/11/1997 and claims benefit of 60/048,974 06/06/1997 and claims benefit of 60/056,886 08/22/1997 and claims benefit of 60/056,877 08/22/1997 and claims benefit of 60/056,889 08/22/1997 and claims benefit of 60/056,893 08/22/1997 and claims benefit of 60/056,630 08/22/1997 and claims benefit of 60/056.878 08/22/1997 and claims benefit of 60/056,662 08/22/1997 and claims benefit of 60/056,872 08/22/1997 and claims benefit of 60/056,882 08/22/1997 and claims benefit of 60/056,637 08/22/1997 and claims benefit of 60/056,903 08/22/1997 and claims benefit of 60/056,888 08/22/1997 and claims benefit of 60/056,879 08/22/1997 and claims benefit of 60/056,880 08/22/1997 and claims benefit of 60/056,894 08/22/1997 and claims benefit of 60/056,911 08/22/1997 and claims benefit of 60/056,636 08/22/1997 and claims benefit of 60/056,874 08/22/1997 and claims benefit of 60/056,910 08/22/1997 and claims benefit of 60/056,864 08/22/1997 and claims benefit of 60/056,631 08/22/1997 and claims benefit of 60/056,845 08/22/1997 and claims benefit of 60/056,892 08/22/1997 and claims benefit of 60/057,761 09/05/1997

```
and claims benefit of 60/047,595 05/23/1997
            and claims benefit of 60/047,599 05/23/1997
            and claims benefit of 60/047,588 05/23/1997
            and claims benefit of 60/047,585 05/23/1997
            and claims benefit of 60/047,586 05/23/1997
            and claims benefit of 60/047,590 05/23/1997
            and claims benefit of 60/047,594 05/23/1997
            and claims benefit of 60/047,589 05/23/1997
            and claims benefit of 60/047,593 05/23/1997
            and claims benefit of 60/047,614 05/23/1997
            and claims benefit of 60/043,578 04/11/1997
            and claims benefit of 60/043,576 04/11/1997
            and claims benefit of 60/047,501 05/23/1997
            and claims benefit of 60/043,670 04/11/1997
            and said PCT/US98/04493
            claims benefit of 60/056,632 08/22/1997
            and claims benefit of 60/056,664 08/22/1997
            and claims benefit of 60/056,876 08/22/1997
            and claims benefit of 60/056,881 08/22/1997
            and claims benefit of 60/056,909 08/22/1997
            and claims benefit of 60/056.875 08/22/1997
            and claims benefit of 60/056,862 08/22/1997
            and claims benefit of 60/056,887 08/22/1997
            and claims benefit of 60/056,908 08/22/1997
            and claims benefit of 60/048,964 06/06/1997
            and claims benefit of 60/057,650 09/05/1997
            and claims benefit of 60/056,884 08/22/1997
            and claims benefit of 60/057,669 09/05/1997
            and claims benefit of 60/049,610 06/13/1997
            and claims benefit of 60/061,060 10/02/1997
            and claims benefit of 60/051,926 07/08/1997
            and claims benefit of 60/052,874 07/16/1997
            and claims benefit of 60/058,785 09/12/1997
            and claims benefit of 60/055,724 08/18/1997
            and said 10/100,683
            is a CIP of 10/058,993 01/30/2002 WHICH CLAINS BENEFIT OF 60/265683 12/19/2000
           which is a CIP of 09/852,659 05/11/2001
            which claims benefit of 60/256,583,12/19/2000.
WHICH
           and is a CIP of 09/152,060 09/11/1998 PAT 6,448,230
            which is a CIP of PCT/US98/04858 03/12/1998
            and said 10/058,993 01/30/2002
            is a CIP of 09/853,161 05/11/2001
            which is a CIP of 09/152,060 09/11/1998 PAT 6,448,230
            which is a CIP of PCT/US98/04858 03/12/1998
            and said 10/058,993 01/30/2002
            is a CIP of 09/852,797 05/11/2001
            which is a CIP of 09/152,060 09/11/1998 PAT 6,448,230
            which is a CIP of PCT/US98/04858 03/12/1998
            and said 10/100,683 01/30/2002
            is a CIP of 09/852,659 05/11/2001
            which claims benefit of 69/256,583-12/19/2000 7
            and is a CIP of 09/152,060 09/11/1998 PAT 6,448,230
            which is a CIP of PCT/US98/04858 03/12/1998
            and said 10/100,683 01/30/2002
            is a CIP of 09/853,161 05/11/2001
            which claims benefit of 60/265,583 02/02/2001
            and is a CIP of 09/152,060 09/11/1998 PAT 6,448,230
            which is a CIP of PCT/US98/04858 03/12/1998
            and said 10/100,683 01/30/2002
```

and

is a CIP of 09/852,797 05/11/2001

which claims benefit of 60/265,583 02/02/2001 and is a CIP of 09/152,060 09/11/1998 PAT 6,448,230 which is a CIP of PCT/US98/04858 03/12/1998 and said 10/100,683 01/30/2002 is a CIP of 09/152,060 09/11/1998 PAT 6,448,230 which is a CIP of PCT/US98/04858 03/12/1998 and said 10/100,683 01/30/2002 is a CIP of PCT/US98/04858 03/12/1998 which claims benefit of 60/040,762 03/14/1997 and claims benefit of 60/040,710 03/14/1997 and claims benefit of 60/050,934 05/30/1997 and claims benefit of 60/048,100 05/30/1997 and claims benefit of 60/048,357 05/30/1997 (*)Data provided by applicant is not consistent with PTO records. and said PCT/US98/04858 claims benefit of 60/048,189 05/30/1997 and claims benefit of 60/057,765 09/05/1997 and claims benefit of 60/048,970 06/06/1997 and claims benefit of 60/068,368 12/19/1997 and said 10/100,683 is a CIP of 10/059,395 01/31/2002 ABN which is a DIV of 09/966,262 10/01/2001 ABN which is a CON of 09/154,707 09/17/1998 ABN which is a CIP of PCT/US98/05311 03/19/1998 ABN and said 10/100.683 is a CIP of 09/984,245 10/29/2001 which is a DIV of 09/154,707 09/17/1998 ABN which is a CIP of PCT/US98/05311 03/19/1998 ABN and said 10/100,683 is a CIP of 09/983,966 10/26/2001 which is a DIV of 09/154,707 09/17/1998 ABN which is a CIP of PCT/US98/05311 03/19/1998 ABN and said 10/100,683 is a CIP of 09/966,262 10/01/2001 ABN which is a CON of 09/154,707 09/17/1998 ABN which is a CIP of PCT/US98/05311 03/19/1998 ABN and said 10/100,683 is a CIP of 09/154,707 09/17/1998 ABN which is a CIP of PCT/US98/05311 03/19/1998 ABN and said 10/100.683 is a CIP of PCT/US98/05311 03/19/1998 ABN which claims benefit of 60/041,277 03/21/1997 and claims benefit of 60/042,344 03/21/1997 ABN and claims benefit of 60/041,276 03/21/1997 and claims benefit of 60/041,281 03/21/1997 and claims benefit of 60/048,094 05/30/1997 and claims benefit of 60/048,350 05/30/1997 and claims benefit of 60/048,188 05/30/1997 and claims benefit of 60/048,135 05/30/1997 and claims benefit of 60/050,937 05/30/1997 and claims benefit of 60/048,187 05/30/1997 and claims benefit of 60/048,099 05/30/1997 and claims benefit of 60/048,352 05/30/1997 and claims benefit of 60/048,186 05/30/1997 and claims benefit of 60/048,069 05/30/1997 and claims benefit of 60/048,095 05/30/1997 and claims benefit of 60/048,131 05/30/1997 and claims benefit of 60/048,096 05/30/1997 and claims benefit of 60/048,355 05/30/1997 and claims benefit of 60/048,160 05/30/1997

and claims benefit of 60/048,351 05/30/1997 and claims benefit of 60/048,154 05/30/1997 and claims benefit of 60/054,804 08/05/1997 and claims benefit of 60/056,370 08/19/1997 and claims benefit of 60/060,862 10/02/1997 and said 10/100.683 is a CIP of 09/814,122 03/22/2001 ABN which is a CON of 09/577,145 05/24/2000 ABN which is a CON of 09/166,780 10/06/1998 ABN which is a CIP of PCT/US98/06801 04/07/1998 and said 10/100.683 is a CIP of PCT/US98/06801 04/07/1998 which claims benefit of 60/042,726 04/08/1997 and said PCT/US98/06801 04/07/1998 claims benefit of 60/042,727 04/08/1997 and claims benefit of 60/042,728 04/08/1997 and claims benefit of 60/042,754 04/08/1997 and claims benefit of 60/042.825 04/08/1997 and claims benefit of 60/048,068 05/30/1997 and claims benefit of 60/048,070 05/30/1997 and claims benefit of 60/048,184 05/30/1997 and said 10/100.683 04/07/1998 is a CIP of PCT/US98/06801 04/07/1998 which claims benefit of 60/042,726 04/08/1997 and claims benefit of 60/042,727 04/08/1997 and claims benefit of 60/042,728 04/08/1997 and claims benefit of 60/042,754 04/08/1997 and claims benefit of 60/042,825 04/08/1997 and claims benefit of 60/048,068 05/30/1997 and claims benefit of 60/048,070 05/30/1997 and claims benefit of 60/048,184 05/30/1997 and said 10/100,683 04/07/1998 is a CIP of PCT/US98/10868 05/28/1998 which claims benefit of 60/044,039 05/30/1997 and claims benefit of 60/048,093 05/30/1997 and claims benefit of 60/048,190 05/30/1997 and claims benefit of 60/050,935 05/30/1997 and claims benefit of 60/048,101 05/30/1997 and claims benefit of 60/048,356 05/30/1997 and claims benefit of 60/056,250 08/29/1997 and claims benefit of 60/056,296 08/29/1997 and claims benefit of 60/056,293 08/29/1997 and said 10/100.683 04/07/1998 is a CIP of PCT/US98/11422 06/04/1998 which claims benefit of 60/048,885 06/06/1997 and claims benefit of 60/049,375 06/06/1997 and claims benefit of 60/048,881 06/06/1997 and claims benefit of 60/048,880 06/06/1997 and claims benefit of 60/048,896 06/06/1997 and claims benefit of 60/049,020 06/06/1997 and claims benefit of 60/048,876 06/06/1997 and claims benefit of 60/048,895 06/06/1997 and claims benefit of 60/048,884 06/06/1997 and claims benefit of 60/048,894 06/06/1997 and claims benefit of 60/048,971 06/06/1997 and claims benefit of 60/048,964 06/06/1997 and claims benefit of 60/048.882 06/06/1997 and claims benefit of 60/048,899 06/06/1997 and claims benefit of 60/048,893 06/06/1997 and claims benefit of 60/048,900 06/06/1997

```
and claims benefit of 60/048,901 06/06/1997
and claims benefit of 60/048,892 06/06/1997
and claims benefit of 60/048,915 06/06/1997
and claims benefit of 60/049,019 06/06/1997
and claims benefit of 60/048,970 06/06/1997
and claims benefit of 60/048,972 06/06/1997
and claims benefit of 60/048,916 06/06/1997
and said PCT/US98/11422
claims benefit of 60/049,373 06/06/1997
and claims benefit of 60/048,875 06/06/1997
and claims benefit of 60/049,374 06/06/1997
and claims benefit of 60/048,917 06/06/1997
and claims benefit of 60/048.949 06/06/1997
and claims benefit of 60/048,974 06/06/1997
and claims benefit of 60/048,883 06/06/1997
and claims benefit of 60/048,897 06/06/1997
and claims benefit of 60/048,898 06/06/1997
and claims benefit of 60/048,962 06/06/1997
and claims benefit of 60/048,963 06/06/1997
and claims benefit of 60/048,877 06/06/1997
and claims benefit of 60/048.878 06/06/1997
and claims benefit of 60/057,645 09/05/1997
and claims benefit of 60/057.642 09/05/1997
and claims benefit of 60/057,668 09/05/1997
and claims benefit of 60/057,635 09/05/1997
and claims benefit of 60/057,627 09/05/1997
and claims benefit of 60/057,667 09/05/1997
and claims benefit of 60/057,666 09/05/1997
and claims benefit of 60/057,764 09/05/1997
and claims benefit of 60/057,643 09/05/1997
and claims benefit of 60/057,769 09/05/1997
and claims benefit of 60/057,763 09/05/1997
and claims benefit of 60/057,650 09/05/1997
and claims benefit of 60/057,584 09/05/1997
and claims benefit of 60/057.647 09/05/1997
and claims benefit of 60/057.661 09/05/1997
and claims benefit of 60/057,662 09/05/1997
and claims benefit of 60/057,646 09/05/1997
and claims benefit of 60/057,654 09/05/1997
and claims benefit of 60/057,651 09/05/1997
and claims benefit of 60/057,644 09/05/1997
and claims benefit of 60/057,765 09/05/1997
and claims benefit of 60/057,762 09/05/1997
and claims benefit of 60/057,775 09/05/1997
and claims benefit of 60/057,648 09/05/1997
and claims benefit of 60/057,774 09/05/1997
and claims benefit of 60/057,649 09/05/1997
and claims benefit of 60/057,770 09/05/1997
and claims benefit of 60/057,771 09/05/1997
and claims benefit of 60/057,761 09/05/1997
and claims benefit of 60/057,760 09/05/1997
and claims benefit of 60/057,776 09/05/1997
and claims benefit of 60/057,778 09/05/1997
and claims benefit of 60/057,629 09/05/1997
and claims benefit of 60/057,628 09/05/1997
```

INSERT PRIORITY INFORMATION FROM APPLICATION DATA SHEET FILED OF 20/2003

Foreign Applications BEGINNING WITH LINE LOW PAGE 15 AND ENDING WITH THE LAST

LINE ON PAGE 35

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US10/664,359

Projected Publication Date: 01/27/2005

Non-Publication Request: No

Early Publication Request: No

Title

195 human secreted proteins

Preliminary Class

536

LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



HUMAN GENOME SCIENCES, INC.

PLEASE HOLD FOR SERIAL NUMBER

Please date stamp and return to addressee

Application of: Rosen et al.

Docket No.: PS903

Title: 195 Human Secreted Proteins

Filed: Concurrently Herewi

Express Mail Label No. EH853035079US Dated: September 20, 2003

OCT 0 7 2003

Documents Filed Via Express Mail on September 20, 2003 16018 U.S. PTO 10/664359

HGS PASENT DEPT.

Return Receipt Postcard

Serial Number Postcard to be stamped and returned

Fee Transmittal Sheet, charging \$906 to deposit account (in duplicate)
Utility Application Transmittal Letter (1 page)
Specification (1836 pp total: 24 claims (4pps), abstract (1 page))
Unexecuted Declaration for Utility Patent Application with ADS (2 pages)

Application Data Sheet (35 pages)
Statement under 37 C.F.R. § 1.821 and Transmittal Letter under 37 C.F.R. § 1.52 w/ copy of Sequence Listing in paper (537 pp) and computer readable form (1 copy of CD-R disk).



Application Information

Regular Application Type::

Utility Subject Matter::

CD-ROM or CD-R?::

YES - paper Sequence submission?::

Computer Readable Form (CRF)?:: YES

195 Human Secreted Proteins Title::

PS903 Attorney Docket Number::

No Request for Early Publication?:: No Request for Non-Publication?::

No Small Entity?:: No

Petition included?:: Secrecy Order in Parent Appl.?:: No

Applicant Information

Inventor Applicant Authority Type::

US Primary Citizenship Country::

Full Capacity Status::

Craig Given Name:: Α.

Middle Name:: Rosen Family Name::

Laytonsville City of Residence::

MD State or Province of Residence::

US Country of Residence::

22400 Rolling Hill Lane Street of mailing address::

Laytonsville City of mailing address::

State or Province of mailing address:: MD

Postal or Zip Code of mailing address:: 20882

Inventor Applicant Authority Type::

Page 1

Initial 09/20/03

Primary Citizenship Country::

US

Status::

Full Capacity

Given Name::

Steven

Middle Name::

M.

Family Name::

Ruben

City of Residence::

Brookeville

State or Province of Residence::

MD

Country of Residence::

US

Street of mailing address::

19420 Pyrite Lane

City of mailing address::

Brookeville

State or Province of mailing address::

MD

Postal or Zip Code of mailing address::

20833

Correspondence Information

Correspondence Customer Number::

22195

Representative Information

Representative Customer Number::

22195

Domestic Priority Information

Continuity Type::	Parent	Parent Filing
•	Application::	Date::
Continuation-in-part of	PCT/US02/08279	03/19/02
Continuation-in-part of	10/100,683	03/19/02
Non-provisional of	60/277,340	03/21/01
·	60/306,171	07/19/01
·	60/331,287	11/13/01
	09/981,876	10/19/01
Divisional of	09/621,011	07/20/00
Continuation of	09/148,545	09/04/98
Continuation-in-part of	PCT/US98/04482	03/06/98
	Continuation-in-part of Continuation-in-part of Non-provisional of Non-provisional of Continuation-in-part of Divisional of Continuation of	Application:: Continuation-in-part of PCT/US02/08279 Continuation-in-part of 10/100,683 Non-provisional of 60/277,340 Non-provisional of 60/306,171 Non-provisional of 60/331,287 Continuation-in-part of 09/981,876 Divisional of 09/621,011 Continuation of 09/148,545

BEST AVAILABLE COPY

10/100,683	Continuation-in-part of	09/621,011	07/20/00	
09/621,011	Continuation of	09/148,545	09/04/98	
09/148,545	Continuation-in-part of	PCT/US98/04482	03/06/98	4
10/100,683	Continuation-in-part of	09/148,545	09/04/98	
09/148,545	Continuation-in-part of	PCT/US98/04482	03/06/98	
10/100,683	Continuation-in-part of	PCT/US98/04482	03/06/98	
PCT/US98/04482	Non-provisional of	60/040,162	03/07/97	
PCT/US98/04482	Non-provisional of	60/040,333	03/07/97	BEST
PCT/US98/04482	Non-provisional of	60/038,621	03/07/97	_
PCT/US98/04482	Non-provisional of	60/040,161	03/07/97	AVAIL
PCT/US98/04482	Non-provisional of	60/040,626	03/07/97	Ę
PCT/US98/04482	Non-provisional of	60/040,334	03/07/97	ABLE
PCT/US98/04482	Non-provisional of	60/040,336	03/07/97	
PCT/US98/04482	Non-provisional of	60/040,163	03/07/97	СОРУ
PCT/US98/04482	Non-provisional of	60/047,615	05/23/97	79
PCT/US98/04482	Non-provisional of	60/047,600	05/23/97	
PCT/US98/04482	Non-provisional of	60/047,597	05/23/97	
PCT/US98/04482	Non-provisional of	60/047,502	05/23/97	
PCT/US98/04482	Non-provisional of	60/047,633	05/23/97	
PCT/US98/04482	Non-provisional of	60/047,583	05/23/97	
PCT/US98/04482	Non-provisional of	60/047,617	05/23/97	
PCT/US98/04482	Non-provisional of	60/047,618	05/23/97	
PCT/US98/04482	Non-provisional of	60/047,503	05/23/97	
PCT/US98/04482	Non-provisional of	60/047,592	05/23/97	
PCT/US98/04482	Non-provisional of	60/047,581	05/23/97	
PCT/US98/04482	Non-provisional of	60/047,584	05/23/97	
PCT/US98/04482	Non-provisional of	60/047,500	05/23/97	
PCT/US98/04482	Non-provisional of	60/047,587	05/23/97	
PCT/US98/04482	Non-provisional of	60/047,492	05/23/97	
PCT/US98/04482	Non-provisional of	60/047,598	05/23/97	
	Non-provisional of	60/047,613	05/23/97	
PCT/US98/04482 PCT/US98/04482		60/047,582	05/23/97	

PCT/US98/04482	Non-provisional of	60/047,596	05/23/97	
01/0000.0	Non-provisional of	60/047,612	05/23/97	
01/0000	Non-provisional of	60/047,632	05/23/97	
PCT/US98/04482	Non-provisional of	60/047,601	05/23/97	
PCT/US98/04482	Non-provisional of	60/043,580	04/11/97	_
PCT/US98/04482	Non-provisional of	60/043,568	04/11/97	
PCT/US98/04482	Non-provisional of	60/043,314	04/11/97	
PCT/US98/04482	Non-provisional of	60/043,569	04/11/97	
PCT/US98/04482	Non-provisional of	60/043,311	04/11/97	
PCT/US98/04482	Non-provisional of	60/043,671	04/11/97	
PCT/US98/04482	Non-provisional of	60/043,674	04/11/97	
PCT/US98/04482	Non-provisional of	60/043,669	04/11/97	
PCT/US98/04482	Non-provisional of	60/043,312	04/11/97	BESI
PCT/US98/04482	Non-provisional of	60/043,313	04/11/97	S
PCT/US98/04482	Non-provisional of	60/043,672	04/11/97	AVAI
PCT/US98/04482	Non-provisional of	60/043,315	04/11/97	À
PCT/US98/04482	Non-provisional of	60/048,974	06/06/97	
PCT/US98/04482	Non-provisional of	60/056,886	08/22/97	
PCT/US98/04482	Non-provisional of	60/056,877	08/22/97	
PCT/US98/04482	Non-provisional of	60/056,889	08/22/97	
PCT/US98/04482	Non-provisional of	60/056,893	08/22/97	
PCT/US98/04482	Non-provisional of	60/056,630	08/22/97	
PCT/US98/04482	Non-provisional of	60/056,878	08/22/97	
PCT/US98/04482	Non-provisional of	60/056,662	08/22/97	
PCT/US98/04482	Non-provisional of	60/056,872	08/22/97	
PCT/US98/04482	Non-provisional of	60/056,882	08/22/97	
PCT/US98/04482	Non-provisional of	60/056,637	08/22/97	
PCT/US98/04482	Non-provisional of	60/056,903	08/22/97	
PCT/US98/04482	Non-provisional of	60/056,888	08/22/97	
PCT/US98/04482	Non-provisional of	60/056,879	08/22/97	
PCT/US98/04482		60/056,880	08/22/97	
PCT/US98/04482	1 - 5	60/056,894	08/22/97	

PCT/US98/04482	Non-provisional of	60/056,911	08/22/97
PCT/US98/04482	Non-provisional of	60/056,636	08/22/97
PCT/US98/04482	Non-provisional of	60/056,874	08/22/97
PCT/US98/04482	Non-provisional of	60/056,910	08/22/97
PCT/US98/04482	Non-provisional of	60/056,864	08/22/97
PCT/US98/04482	Non-provisional of	60/056,631	08/22/97
PCT/US98/04482	Non-provisional of	60/056,845	08/22/97
PCT/US98/04482	Non-provisional of	60/056,892	08/22/97
PCT/US98/04482	Non-provisional of	60/047,595	05/23/97
PCT/US98/04482	Non-provisional of	60/057,761	09/05/97
PCT/US98/04482	Non-provisional of	60/047,599	05/23/97
PCT/US98/04482	Non-provisional of	60/047,588	05/23/97
PCT/US98/04482	Non-provisional of	60/047,585	05/23/97
PCT/US98/04482	Non-provisional of	60/047,586	05/23/97
PCT/US98/04482	Non-provisional of	60/047,590	05/23/97
PCT/US98/04482	Non-provisional of	60/047,594	05/23/97
PCT/US98/04482	Non-provisional of	60/047,589	05/23/97
PCT/US98/04482	Non-provisional of	60/047,593	05/23/97
PCT/US98/04482	Non-provisional of	60/047,614	05/23/97
PCT/US98/04482	Non-provisional of	60/043,578	04/11/97
PCT/US98/04482	Non-provisional of	60/043,576	04/11/97
PCT/US98/04482	Non-provisional of	60/047,501	05/23/97
PCT/US98/04482	Non-provisional of	60/043,670	04/11/97
PCT/US98/04482	Non-provisional of	60/056,632	08/22/97
PCT/US98/04482	Non-provisional of	60/056,664	08/22/97
PCT/US98/04482	Non-provisional of	60/056,876	08/22/97
PCT/US98/04482	Non-provisional of	60/056,881	08/22/97
PCT/US98/04482	Non-provisional of	60/056,909	08/22/97
PCT/US98/04482	Non-provisional of	60/056,875	08/22/97
PCT/US98/04482	Non-provisional of	60/056,862	08/22/97
PCT/US98/04482	Non-provisional of	60/056,887	08/22/97
PCT/US98/04482	Non-provisional of	60/056,908	08/22/97

PCT/US98/04482	Non-provisional of	60/048,964	06/06/97	
PCT/US98/04482	Non-provisional of	60/057,650	09/05/97	
PCT/US98/04482	Non-provisional of	60/056,884	08/22/97	
10/100,683	Continuation-in-part of	09/882,171	06/18/01	
	Non-provisional of	60/190,068	03/17/00	
09/882,171	Continuation of	09/809,391	03/16/01	
09/882,171	Continuation-in-part of	09/149,476	09/08/98	
09/809,391	Continuation-in-part of	PCT/US98/04493	03/06/98	
09/149,476	Continuation-in-part of	09/809,391	03/16/01	
10/100,683	Non-provisional of	60/190,068	03/17/00	
09/809,391	Continuation-in-part of	09/149,476	09/08/98	
09/809,391	Continuation-in-part of	PCT/US98/04493	03/06/98	
09/149,476	Continuation-in-part of	09/149,476	09/08/98	
10/100,683	Continuation-in-part of	PCT/US98/04493	03/06/98	
09/149,476	Continuation-in-part of	PCT/US98/04493	03/06/98	
10/100,683	Non-provisional of	60/040,161	03/07/97	
PCT/US98/04493	<u> </u>	60/040,162	03/07/97	
PCT/US98/04493	Non-provisional of	60/040,333	03/07/97	BE
PCT/US98/04493	Non-provisional of	60/038,621	03/07/97	- Si
PCT/US98/04493	Non-provisional of	60/040,626	03/07/97	
PCT/US98/04493	Non-provisional of	60/040,334	03/07/97	AVAIL
PCT/US98/04493	Non-provisional of		03/07/97	LAB
PCT/US98/04493	Non-provisional of	60/040,336 60/040,163	03/07/97	<u> </u>
PCT/US98/04493	Non-provisional of		05/23/97	
PCT/US98/04493	Non-provisional of	60/047,600	05/23/97	
PCT/US98/04493	Non-provisional of	60/047,615	05/23/97	
PCT/US98/04493	Non-provisional of	60/047,597	05/23/97	
PCT/US98/04493	Non-provisional of	60/047,502		
PCT/US98/04493	Non-provisional of	60/047,633	05/23/97	
PCT/US98/04493		60/047,583	05/23/97	
PCT/US98/04493		60/047,617	05/23/97	
PCT/US98/04493		60/047,618	05/23/97	
PCT/US98/04493		60/047,503	05/23/97	

PCT/US98/04493	Non-provisional of	60/047,592	05/23/97
CT/US98/04493	Non-provisional of	60/047,581	05/23/97
CT/US98/04493	Non-provisional of	60/047,584	05/23/97
CT/US98/04493	Non-provisional of	60/047,500	05/23/97
PCT/US98/04493	Non-provisional of	60/047,587	05/23/97
PCT/US98/04493	Non-provisional of	60/047,492	05/23/97
PCT/US98/04493	Non-provisional of	60/047,598	05/23/97
PCT/US98/04493	Non-provisional of	60/047,613	05/23/97
PCT/US98/04493	Non-provisional of	60/047,582	05/23/97
PCT/US98/04493	Non-provisional of	60/047,596	05/23/97
PCT/US98/04493	Non-provisional of	60/047,612	05/23/97
PCT/US98/04493	Non-provisional of	60/047,632	05/23/97
PCT/US98/04493	Non-provisional of	60/047,601	05/23/97
	Non-provisional of	60/043,580	04/11/97
PCT/US98/04493	Non-provisional of	60/043,568	04/11/97
PCT/US98/04493	Non-provisional of	60/043,314	04/11/97
PCT/US98/04493	Non-provisional of	60/043,569	04/11/97
PCT/US98/04493	Non-provisional of	60/043,311	04/11/97
PCT/US98/04493	Non-provisional of	60/043,671	
PCT/US98/04493	Non-provisional of	60/043,674	04/11/97
PCT/US98/04493	Non-provisional of	60/043,669	04/11/97
PCT/US98/04493		60/043,312	04/11/97
PCT/US98/04493	Non-provisional of	60/043,313	04/11/97
PCT/US98/04493	Non-provisional of	60/043,672	04/11/97
PCT/US98/04493	Non-provisional of	60/043,315	04/11/97
PCT/US98/04493	Non-provisional of	60/048,974	06/06/97
PCT/US98/04493	Non-provisional of	60/056,886	08/22/97
PCT/US98/04493	Non-provisional of	l	08/22/97
PCT/US98/04493	Non-provisional of	60/056,877	08/22/97
PCT/US98/04493	Non-provisional of	60/056,889	08/22/97
PCT/US98/04493	Non-provisional of	60/056,893	08/22/97
PCT/US98/04493	Non-provisional of	60/056,630	08/22/97
PCT/US98/04493	Non-provisional of	60/056,878	

DOT/1.1000/04403	Non-provisional of	60/056,662	08/22/97	
PCT/US98/04493	Non-provisional of	60/056,872	08/22/97	
PCT/US98/04493	Non-provisional of	60/056,882	08/22/97	
PCT/US98/04493	Non-provisional of	60/056,637	08/22/97	
PCT/US98/04493		60/056,903	08/22/97	
PCT/US98/04493	Non-provisional of	60/056,888	08/22/97	
PCT/US98/04493	Non-provisional of	60/056,879	08/22/97	-
PCT/US98/04493	Non-provisional of		08/22/97	
PCT/US98/04493	Non-provisional of	60/056,880	08/22/97	
PCT/US98/04493	Non-provisional of	60/056,894		
PCT/US98/04493	Non-provisional of	60/056,911	08/22/97	
PCT/US98/04493	Non-provisional of	60/056,636	08/22/97	
PCT/US98/04493	Non-provisional of	60/056,874	08/22/97	
PCT/US98/04493	Non-provisional of	60/056,910	08/22/97	
PCT/US98/04493	Non-provisional of	60/056,864	08/22/97	
PCT/US98/04493	Non-provisional of	60/056,631	08/22/97	
PCT/US98/04493	Non-provisional of	60/056,845	08/22/97	ES
PCT/US98/04493	Non-provisional of	60/056,892	08/22/97	7
PCT/US98/04493	Non-provisional of	60/057,761	09/05/97	AVA
PCT/US98/04493	Non-provisional of	60/047,595	05/23/97	IL
PCT/US98/04493	Non-provisional of	60/047,599	05/23/97	B
PCT/US98/04493	Non-provisional of	60/047,588	05/23/97	Ш
PCT/US98/04493	Non-provisional of	60/047,585	05/23/97	8
PCT/US98/04493	Non-provisional of	60/047,586	05/23/97	Y
	Non-provisional of	60/047,590	05/23/97	
PCT/US98/04493	Non-provisional of	60/047,594	05/23/97	
PCT/US98/04493	Non-provisional of	60/047,589	05/23/97	<u>. </u>
PCT/US98/04493		60/047,593	05/23/97	
PCT/US98/04493	Non-provisional of	60/047,614	05/23/97	
PCT/US98/04493	Non-provisional of		04/11/97	
PCT/US98/04493	Non-provisional of	60/043,578		
PCT/US98/04493	Non-provisional of	60/043,576	04/11/97	
PCT/US98/04493	Non-provisional of	60/047,501	05/23/97	
PCT/US98/04493	Non-provisional of	60/043,670	04/11/97	

PCT/US98/04493	Non-provisional of	60/056,632	08/22/97
PCT/US98/04493	1 1	60/056,664	08/22/97
PCT/US98/04493		60/056,876	08/22/97
PCT/US98/04493	Non-provisional of	60/056,881	08/22/97
PCT/US98/04493	Non-provisional of	60/056,909	08/22/97
	Non-provisional of	60/056,875	08/22/97
PCT/US98/04493	Non-provisional of	60/056,862	08/22/97
PCT/US98/04493	Non-provisional of	60/056,887	08/22/97
PCT/US98/04493	Non-provisional of	60/056,908	08/22/97
PCT/US98/04493		60/048,964	06/06/97
PCT/US98/04493	Non-provisional of	60/057,650	09/05/97
PCT/US98/04493	Non-provisional of	60/056,884	08/22/97
PCT/US98/04493	Non-provisional of		09/05/97
PCT/US98/04493	Non-provisional of	60/057,669	06/13/97
PCT/US98/04493	Non-provisional of	60/049,610	10/02/97
PCT/US98/04493	Non-provisional of	60/061,060	
PCT/US98/04493	Non-provisional of	60/051,926	07/08/97
PCT/US98/04493	Non-provisional of	60/052,874	07/16/97
PCT/US98/04493	Non-provisional of	60/058,785	09/12/97
PCT/US98/04493	Non-provisional of	60/055,724	08/18/97
10/100,683	Continuation-in-part of	10/058,993	01/30/02
10/058,993	Non-provisional of	60/265,583	02/02/01
10/058,993	Continuation-in-part of	09/852,659	05/11/01
09/852,659	Continuation-in-part of		09/11/98
09/152,060	Continuation-in-part of		03/12/98
	Continuation-in-part of		05/11/01
10/058,993	Continuation-in-part of		09/11/98
09/853,161	Continuation-in-part of		03/12/98
09/152,060	Continuation-in-part of	·	05/11/01
10/058,993			09/11/98
09/852,797	Continuation-in-part o		
09/152,060	Continuation-in-part o		05/11/01
10/100,683	Continuation-in-part of	60/265,583	02/02/01
09/852,659	Non-provisional of	00/205,565	020201

09/852,659	Continuation-in-part of	09/152,060	09/11/98	
09/152,060	Continuation-in-part of	PCT/US98/04858	03/12/98	
10/100,683	Continuation-in-part of	09/853,161	05/11/01	
09/853,161	Non-provisional of	60/265,583	02/02/01	
09/853,161	Continuation-in-part of	09/152,060	09/11/98	
09/152,060	Continuation-in-part of	PCT/US98/04858	03/12/98	
10/100,683	Continuation-in-part of	09/852,797	05/11/01	
09/852,797	Non-provisional of	60/265,583	02/02/01	
09/852,797	Continuation-in-part of	09/152,060	09/11/98	
09/152,060	Continuation-in-part of	PCT/US98/04858	03/12/98	
10/100,683	Continuation-in-part of	09/152,060	09/11/98	
09/152,060	Continuation-in-part of	PCT/US98/04858	03/12/98	
10/100,683	Continuation-in-part of	PCT/US98/04858	03/12/98	
PCT/US98/04858	Non-provisional of	60/040,762	03/14/97	
PCT/US98/04858	Non-provisional of	60/040,710	03/14/97	
PCT/US98/04858	Non-provisional of	60/050,934	05/30/97	
PCT/US98/04858	Non-provisional of	60/048,100	05/30/97	
PCT/US98/04858	Non-provisional of	60/048,357	05/30/97	44%
PCT/US98/04858	Non-provisional of	60/048,189	05/30/97	AVAIL
PCT/US98/04858	Non-provisional of	60/057,765	09/05/97	Œ
PCT/US98/04858	Non-provisional of	60/048,970	06/06/97	İ
PCT/US98/04858	Non-provisional of	60/068,368	12/19/97	_ <u>C</u>
10/100,683	Continuation-in-part of	10/059,395	01/31/02	PY
10/059,395	Divisional of	09/966,262	10/01/01	
09/966,262	Continuation of	09/154,707	09/17/98	
09/154,707	Continuation-in-part o	f PCT/US98/05311	03/19/98	
10/100,683	Continuation-in-part o		10/29/01	
09/984,245	Divisional of	09/154,707	09/17/98	
	Continuation-in-part of	of PCT/US98/05311	03/19/98	
09/154,707	Continuation-in-part of		10/26/01	
10/100,683	Divisional of	09/154,707	09/17/98	
09/983,966 09/154,707	Continuation-in-part of		03/19/98	

10/100,683	Continuation-in-part of	09/966,262	10/01/01
09/966,262		09/154,707	09/17/98
09/154,707	Continuation-in-part of	PCT/US98/05311	03/19/98
10/100,683	Continuation in Part	09/154,707	09/17/98
09/154,707	Continuation in part of	PCT/US98/05311	03/19/98
10/100,683	Continuation-in-part of	PCT/US98/05311	03/03/98
PCT/US98/05311	Non-provisional of	60/041,277	03/21/97
PCT/US98/05311	Non-provisional of	60/042,344	03/21/97
PCT/US98/05311	Non-provisional of	60/041,276	03/21/97
PCT/US98/05311	Non-provisional of	60/041,281	03/21/97
PCT/US98/05311	Non-provisional of	60/048,094	05/30/97
PCT/US98/05311	Non-provisional of	60/048,350	05/30/97
PCT/US98/05311	Non-provisional of	60/048,188	05/30/97
PCT/US98/05311	Non-provisional of	60/048,135	05/30/97
	Non-provisional of	60/050,937	05/30/97
PCT/US98/05311	Non-provisional of	60/048,187	05/30/97
PCT/US98/05311	Non-provisional of	60/048,099	05/30/97
PCT/US98/05311	Non-provisional of	60/048,352	05/30/97
PCT/US98/05311	Non-provisional of	60/048,186	05/30/97
PCT/US98/05311	Non-provisional of	60/048,069	05/30/97
PCT/US98/05311		60/048,095	05/30/97
PCT/US98/05311	Non-provisional of	60/048,131	05/30/97
PCT/US98/05311	Non-provisional of	60/048,096	05/30/97
PCT/US98/05311	Non-provisional of	60/048,355	05/30/97
PCT/US98/05311	Non-provisional of	60/048,160	05/30/97
PCT/US98/05311	Non-provisional of	60/048,351	05/30/97 05/30/97
PCT/US98/05311	Non-provisional of		05/30/97
PCT/US98/05311		60/048,154	08/05/97
PCT/US98/05311		60/054,804	08/19/97
PCT/US98/05311	Non-provisional of	60/056,370	10/02/97
PCT/US98/05311	Non-provisional of	60/060,862	03/22/01
10/100,683	Continuation-in-part of		05/24/00
09/814,122	Continuation of	09/577,145	US/24/UU

09/577,145	Continuation of (09/166,780	10/06/98	1
09/166,780		PCT/US98/06801	04/07/98	
10/100,683		PCT/US98/06801	04/07/98	
CT/US98/06801		60/042,726	04/08/97	
PCT/US98/06801		60/042,727	04/08/97	
		60/042,728	04/08/97	
PCT/US98/06801	Non-provisional of	60/042,754	04/08/97	
PCT/US98/06801	Non-provisional of	60/042,825	04/08/97	
PCT/US98/06801	Non-provisional of	60/048,068	05/30/97	٦
PCT/US98/06801	Non-provisional of	60/048,070	05/30/97	7
PCT/US98/06801		60/048,184	05/30/97	\neg
PCT/US98/06801	Non-provisional of	PCT/US98/06801	04/07/97	\dashv
10/100,683	Continuation-in-part of	60/042,726	04/08/97	
PCT/US98/06801	Non-provisional of		04/08/97	
PCT/US98/06801	Non-provisional of	60/042,727	04/08/97	
PCT/US98/06801	Non-provisional of	60/042,728	04/08/97	
PCT/US98/06801	Non-provisional of	60/042,754	04/08/97	
PCT/US98/06801	Non-provisional of	60/042,825		
PCT/US98/06801	Non-provisional of	60/048,068	05/30/97	
PCT/US98/06801	Non-provisional of	60/048,070	05/30/97	_5
PCT/US98/06801	Non-provisional of	60/048,184	05/30/97	
10/100,683	Continuation-in-part of	PCT/US98/10868	05/28/98	_
PCT/US98/10868	Non-provisional of	60/044,039	05/30/97	\ <u>\</u>
PCT/US98/10868	Non-provisional of	60/048,093	05/30/97	ζ
PCT/US98/10868	Non-provisional of	60/048,190	05/30/97	
PCT/US98/10868	Non-provisional of	60/050,935	05/30/97	П
	Non-provisional of	60/048,101	05/30/97	
PCT/US98/10868	Non-provisional of	60/048,356	05/30/97	
PCT/US98/10868		60/056,250	08/29/97	
PCT/US98/10868		60/056,296	08/29/97	
PCT/US98/10868		60/056,293	08/29/97	
PCT/US98/10868			06/04/98	<u></u>
10/100,683	Continuation-in-part o	60/048,885	06/06/97	
PCT/US98/11422	Non-provisional of	00/040,000		

PCT/US98/11422	Non-provisional of	60/049,375	06/06/97	
PCT/US98/11422	Non-provisional of	60/048,881	06/06/97	
PCT/US98/11422	Non-provisional of	60/048,880	06/06/97	_
PCT/US98/11422	Non-provisional of	60/048,896	06/06/97	
PCT/US98/11422	Non-provisional of	60/049,020	06/06/97	
PCT/US98/11422	Non-provisional of	60/048,876	06/06/97	
PCT/US98/11422	Non-provisional of	60/048,895	06/06/97	
PCT/US98/11422	Non-provisional of	60/048,884	06/06/97	
PCT/US98/11422	Non-provisional of	60/048,894	06/06/97	
	Non-provisional of	60/048,971	06/06/97	
PCT/US98/11422	Non-provisional of	60/048,964	06/06/97	
PCT/US98/11422	Non-provisional of	60/048,882	06/06/97	
PCT/US98/11422	Non-provisional of	60/048,899	06/06/97	
PCT/US98/11422	Non-provisional of	60/048,893	06/06/97	
PCT/US98/11422	Non-provisional of	60/048,900	06/06/97	
PCT/US98/11422	Non-provisional of	60/048,901	06/06/97	
PCT/US98/11422	Non-provisional of	60/048,892	06/06/97	
PCT/US98/11422	Non-provisional of	60/048,915	06/06/97	_
PCT/US98/11422	Non-provisional of	60/049,019	06/06/97	BE
PCT/US98/11422	Non-provisional of	60/048,970	06/06/97	ST
PCT/US98/11422	Non-provisional of	60/048,972	06/06/97	AVAIL
PCT/US98/11422	Non-provisional of	60/048,916	06/06/97	2
PCT/US98/11422	Non-provisional of	60/049,373	06/06/97	B
PCT/US98/11422	Non-provisional of	60/048,875		П
PCT/US98/11422	Non-provisional of	60/049,374	06/06/97	8
PCT/US98/11422		60/048,917	06/06/97	PY
PCT/US98/11422		60/048,949	06/06/97	
PCT/US98/11422		60/048,974	06/06/97	
PCT/US98/11422		60/048,883	06/06/97	
PCT/US98/11422		60/048,897	06/06/97	
PCT/US98/11422		60/048,898	06/06/97	
PCT/US98/11422		60/048,962	06/06/97	
PCT/US98/11422	Non-provisional of		Initial 09	

PCT/US98/11422	Non-provisional of	60/048,963	06/06/97
PCT/US98/11422	Non-provisional of	60/048,877	06/06/97
CT/US98/11422	Non-provisional of	60/048,878	06/06/97
PCT/US98/11422	Non-provisional of	60/057,645	09/05/97
PCT/US98/11422	Non-provisional of	60/057,642	09/05/97
	Non-provisional of	60/057,668	09/05/97
PCT/US98/11422	Non-provisional of	60/057,635	09/05/97
PCT/US98/11422	Non-provisional of	60/057,627	09/05/97
PCT/US98/11422	Non-provisional of	60/057,667	09/05/97
PCT/US98/11422	1	60/057,666	09/05/97
PCT/US98/11422	Non-provisional of	60/057,764	09/05/97
PCT/US98/11422	Non-provisional of	60/057,643	09/05/97
PCT/US98/11422	Non-provisional of	60/057,769	09/05/97
PCT/US98/11422	Non-provisional of	60/057,763	09/05/97
PCT/US98/11422	Non-provisional of		09/05/97
PCT/US98/11422	Non-provisional of	60/057,650	20/05/07
PCT/US98/11422	Non-provisional of	60/057,584	
PCT/US98/11422	Non-provisional of	60/057,647	
PCT/US98/11422	Non-provisional of	60/057,661	09/05/97
PCT/US98/11422	Non-provisional of	60/057,662	09/05/97
PCT/US98/11422	Non-provisional of	60/057,646	09/05/97 09/05/97 09/05/97
PCT/US98/11422	Non-provisional of	60/057,654	09/05/97
PCT/US98/11422	Non-provisional of	60/057,651	09/05/97
PCT/US98/11422		60/057,644	09/05/97 Q
PCT/US98/11422	Non-provisional of	60/057,765	
PCT/US98/11422	Non-provisional of	60/057,762	09/05/97
PCT/US98/11422		60/057,775	09/05/97
		60/057,648	09/05/97
PCT/US98/11422		60/057,774	09/05/97
PCT/US98/11422		60/057,649	09/05/97
PCT/US98/11422		60/057,770	09/05/97
PCT/US98/11422		60/057,771	09/05/97
PCT/US98/11422		60/057,761	09/05/97
PCT/US98/11422	Non-provisional of		

PCT/US98/11422	Non-provisional of	60/057,760	09/05/97
01/0000.	Non-provisional of	60/057,776	09/05/97
PCT/US98/11422	Non-provisional of	60/057,778	09/05/97
PCT/US98/11422	Non-provisional of	60/057,629	09/05/97
PCT/US98/11422	Non-provisional of	60/057,628	09/05/97
PCT/US98/11422	Non-provisional of	60/057,777	09/05/97
PCT/US98/11422	Non-provisional of	60/057,634	09/05/97
PCT/US98/11422	Non-provisional of	60/070,923	12/18/97
	Continuation-in-part of	PCT/US01/05614	02/21/01
10/100,683	Non-provisional of	60/184,836	02/24/00
PCT/US01/05614	Non-provisional of	60/193,170	03/29/00
PCT/US01/05614	Continuation-in-part of	PCT/US98/12125	06/11/98
10/100,683	Non-provisional of	60/049,547	06/13/97
PCT/US98/12125	Non-provisional of	60/049,548	06/13/97
PCT/US98/12125		60/049,549	06/13/97
PCT/US98/12125	Non-provisional of	60/049,550	06/13/97
PCT/US98/12125	Non-provisional of	60/049,566	06/13/97
PCT/US98/12125	Non-provisional of	60/049,606	06/13/97
PCT/US98/12125	Non-provisional of	60/049,607	
PCT/US98/12125	Non-provisional of	60/049,608	06/13/97
PCT/US98/12125	Non-provisional of		06/13/97
PCT/US98/12125	Non-provisional of	60/049,609	06/13/97
PCT/US98/12125	Non-provisional of	60/049,610	1 2/07
PCT/US98/12125	Non-provisional of	60/049,611	06/13/97
PCT/US98/12125	Non-provisional of	60/050,901	
PCT/US98/12125	Non-provisional of	60/052,989	06/13/97
PCT/US98/12125	Non-provisional of	60/051,919	07/08/97
PCT/US98/12125	Non-provisional of	60/055,984	08/18/97
PCT/US98/12125	Non-provisional of	60/058,665	09/12/97
PCT/US98/12125		60/058,668	09/12/97
PCT/US98/12125		60/058,669	09/12/97
PCT/US98/12125		60/058,750	09/12/97
PCT/US98/12125		60/058,971	09/12/97

Non-provisional of	60/058,972	09/12/97	
	60/058,975	09/12/97	
	60/060,834	10/02/97	
<u>`</u>	60/060,841	10/02/97	
·	60/060,844	10/02/97	
	60/060,865	10/02/97	
	60/061,059	10/02/97	
·		10/02/97	
		07/27/00	
		12/17/98	
		06/30/98	
		06/30/98	
		07/01/97	
		07/01/97	
1			æ
			BES
<u> </u>			_
			*
Divisional of			AVAILABLE
			8
Continuation-in-part of			<u>—————————————————————————————————————</u>
Continuation of			COP
Continuation-in-part of			
Continuation-in-part of	f 09/973,278		
Non-provisional of	60/239,899		
	f 09/227,357		
		07/07/98	
		07/07/98	
	60/051,926	07/08/97	
	60/052,793	07/08/97	
	60/051,925	07/08/97	
	60/051,929	07/08/97	
i		07/08/97	
	Divisional of Continuation-in-part of Continuation of Continuation-in-part of Continuation-in-part of Non-provisional of Continuation-in-part of Continuation-in-part of Continuation-in-part of Continuation-in-part of Continuation-in-part of Non-provisional of Non-provisional of Non-provisional of Non-provisional of	Non-provisional of 60/058,975 Non-provisional of 60/060,834 Non-provisional of 60/060,841 Non-provisional of 60/060,844 Non-provisional of 60/060,865 Non-provisional of 60/061,059 Non-provisional of 60/061,060 Continuation-in-part of 09/627,081 Continuation-in-part of PCT/US98/13608 Continuation-in-part of PCT/US98/13608 Non-provisional of 60/051,381 Non-provisional of 60/058,663 Non-provisional of 60/058,598 Continuation-in-part of 09/984,490 Divisional of 09/227,357 Continuation-in-part of PCT/US98/13684 Continuation-in-part of 09/983,802 Continuation-in-part of 09/983,802 Continuation-in-part of 09/973,278 Non-provisional of 60/239,899 Continuation-in-part of 09/227,357 Continuation-in-part of PCT/US98/13684 Continuation-in-part of 09/227,357 Continuation-in-part of PCT/US98/13684 Continuation-in-part of PCT/US98/13684 Continuation-in-part of PCT/US98/13684 Non-provisional of 60/051,926 Non-provisional of 60/051,925 Non-provisional of 60/051,925 Non-provisional of 60/051,929 Non-provisional of 60/051,929	Non-provisional of 60/058,975 09/12/97 Non-provisional of 60/060,834 10/02/97 Non-provisional of 60/060,841 10/02/97 Non-provisional of 60/060,841 10/02/97 Non-provisional of 60/060,865 10/02/97 Non-provisional of 60/060,865 10/02/97 Non-provisional of 60/061,059 10/02/97 Non-provisional of 60/061,060 10/02/97 Non-provisional of 60/061,060 10/02/97 Continuation-in-part of 09/627,081 07/27/00 Continuation of 09/213,365 12/17/98 Continuation-in-part of PCT/US98/13608 06/30/98 Continuation-in-part of PCT/US98/13608 06/30/98 Non-provisional of 60/051,480 07/01/97 Non-provisional of 60/051,381 07/01/97 Non-provisional of 60/058,5663 09/12/97 Non-provisional of 60/058,598 09/12/97 Continuation-in-part of 09/984,490 10/30/01 Divisional of 09/227,357 01/08/99 Continuation-in-part of PCT/US98/13684 07/07/98 Continuation-in-part of 09/983,802 10/25/01 Continuation-in-part of 09/973,278 10/10/01 Non-provisional of 60/239,899 10/13/00 Continuation-in-part of 09/227,357 01/08/99 Continuation-in-part of 09/227,357 01/08/99 Continuation-in-part of PCT/US98/13684 07/07/98 Continuation-in-part of 09/227,357 01/08/99 Continuation-in-part of 09/227,357 01/08/99 Continuation-in-part of 09/227,357 01/08/99 Continuation-in-part of PCT/US98/13684 07/07/98 Continuation-in-part of PCT/US98/13684 07/07/98 Continuation-in-part of PCT/US98/13684 07/07/98 Non-provisional of 60/051,926 07/08/97 Non-provisional of 60/051,926 07/08/97 Non-provisional of 60/051,925 07/08/97 Non-provisional of 60/051,929 07/08/97

	Non-provisional of	60/052,732	07/08/97	1
PCT/US98/13684	Non provident	60/051,931	07/08/97	
PCT/US98/13684	Non provision	60/051,932	07/08/97	7
PCT/US98/13684	Mon-provisional of	60/051,916	07/08/97	\dashv
PCT/US98/13684	INOIT PROVISIONAL		07/08/97	\dashv
PCT/US98/13684	Non-provisional of	60/051,930	07/08/97	
PCT/US98/13684	Non-provisional of	60/051,918	07/08/97	
PCT/US98/13684	Non-provisional of	60/051,920		
PCT/US98/13684	Non-provisional of	60/052,733	07/08/97	
PCT/US98/13684	Non-provisional of	60/052,795	07/08/97	
PCT/US98/13684	Non-provisional of	60/051,919	07/08/97	
PCT/US98/13684	Non-provisional of	60/051,928	07/08/97	
PCT/US98/13684	Non-provisional of	60/055,722	08/18/97	
PCT/US98/13684	Non-provisional of	60/055,723	08/18/97	
	Non-provisional of	60/055,948	08/18/97	- B
PCT/US98/13684	Non-provisional of	60/055,949	08/18/97	တ
PCT/US98/13684	Non-provisional of	60/055,953	08/18/97	A
PCT/US98/13684		60/055,950	08/18/97	MA
PCT/US98/13684	Non-provisional of	60/055,947	08/18/97	
PCT/US98/13684	Non-provisional of	60/055,964	08/18/97	ABLE
PCT/US98/13684	Non-provisional of	60/056,360	08/18/97	
PCT/US98/13684	Non-provisional of		08/18/97	СОРУ
PCT/US98/13684	Non-provisional of	60/055,684	08/18/97	P
PCT/US98/13684	Non-provisional of	60/055,984		
PCT/US98/13684	Non-provisional of	60/055,954	08/18/97	
PCT/US98/13684	Non-provisional of	60/058,785	09/12/97	
PCT/US98/13684		60/058,664	09/12/97	
PCT/US98/13684		60/058,660	09/12/97	
PCT/US98/13684		60/058,661	09/12/97	
	Continuation-in-part o	f 09/776,724	02/06/01	
10/100,683	Non-provisional of	60/180,909	. 02/08/00	
09/776,724	Continuation-in-part of	of 09/669,688	09/26/00	
09/776,724	Continuation of	09/229,982	01/14/99	
09/669,688	Continuation-in-part of		07/15/98	
09/229,982	Continuation-in-part	, , , , , , , , , , , , , , , , , , , ,		

į

Continuation-in-part of (09/669,688	09/26/00	
	09/229,982	01/14/99	
	PCT/US98/14613		
	09/229,982	01/14/99	
	PCT/US98/14613	07/15/98	
	PCT/US98/14613	07/15/98	
	60/052,661	07/16/97	
	60/052,872	07/16/97	
	60/052,871	07/16/97	
		07/16/97	
		07/16/97	
		07/16/97	
		07/16/97	
		07/22/97	
		07/22/97	
			Č r
			-
			<u>—₹</u>
Non-provisional of			<u></u>
Non-provisional of			<u>i</u>
Non-provisional of	60/056,361		
Non-provisional of	60/055,726		
Non-provisional of	60/055,724	i	
	60/055,946		
	60/055,683		
	60/295,558	06/05/01	
	f 09/820,649	03/30/01	
	09/666,984	09/21/00	
	09/236,557	01/26/99	
		07/29/98	
Continuation-in-part of			
	Continuation of Continuation-in-part of Continuation-in-part of Continuation-in-part of Continuation-in-part of Continuation-in-part of Continuation-in-part of Non-provisional of Continuation-in-part of Continuation of Continuation-in-part of	Continuation-in-part of 09/229,982 Continuation-in-part of PCT/US98/14613 Continuation-in-part of PCT/US98/14613 Continuation-in-part of PCT/US98/14613 Continuation-in-part of PCT/US98/14613 Non-provisional of 60/052,661 Non-provisional of 60/052,872 Non-provisional of 60/052,871 Non-provisional of 60/052,873 Non-provisional of 60/052,870 Non-provisional of 60/052,870 Non-provisional of 60/053,440 Non-provisional of 60/053,441 Non-provisional of 60/053,442 Non-provisional of 60/056,359 Non-provisional of 60/055,725 Non-provisional of 60/055,985 Non-provisional of 60/055,985 Non-provisional of 60/056,361 Non-provisional of 60/055,726 Non-provisional of 60/055,726 Non-provisional of 60/055,946 Non-provisional of 60/055,946 Non-provisional of 60/055,683	Continuation-in-part of 09/229,982 01/14/99 Continuation-in-part of 09/229,982 01/14/99 Continuation-in-part of 09/229,982 01/14/99 Continuation-in-part of 09/229,982 01/14/99 Continuation-in-part of PCT/US98/14613 07/15/98 Continuation-in-part of PCT/US98/14613 07/15/98 Continuation-in-part of PCT/US98/14613 07/15/98 Non-provisional of 60/052,661 07/16/97 Non-provisional of 60/052,872 07/16/97 Non-provisional of 60/052,872 07/16/97 Non-provisional of 60/052,873 07/16/97 Non-provisional of 60/052,873 07/16/97 Non-provisional of 60/052,873 07/16/97 Non-provisional of 60/052,875 07/16/97 Non-provisional of 60/053,440 07/22/97 Non-provisional of 60/053,441 07/22/97 Non-provisional of 60/053,442 07/22/97 Non-provisional of 60/055,359 08/18/97 Non-provisional of 60/055,985 08/18/97 Non-provisional of 60/055,985 08/18/97 Non-provisional of 60/055,985 08/18/97 Non-provisional of 60/055,989 08/18/97 Non-provisional of 60/055,726 08/18/97 Non-provisional of 60/055,726 08/18/97 Non-provisional of 60/055,726 08/18/97 Non-provisional of 60/055,989 08/18/97 Non-provisional of 60/055,989 08/18/97 Non-provisional of 60/055,726 08/18/97 Non-provisional of 60/055,989 08/18/97

PCT/US98/15949	Non-provisional of	60/054,212	07/30/97	
PCT/US98/15949		60/054,209	07/30/97	
PCT/US98/15949		60/054,234	07/30/97	
PCT/US98/15949	Non-provisional of	60/054,218	07/30/97	
PCT/US98/15949	Non-provisional of	60/054,214	07/30/97	
	Non-provisional of	60/054,236	07/30/97	
PCT/US98/15949	Non-provisional of	60/054,215	07/30/97	
PCT/US98/15949	Non-provisional of	60/054,211	07/30/97	
PCT/US98/15949	Non-provisional of	60/054,217	07/30/97	
PCT/US98/15949	Non-provisional of	60/054,213	07/30/97	
PCT/US98/15949		60/055,968	08/18/97	
PCT/US98/15949	Non-provisional of	60/055,969	08/18/97	
PCT/US98/15949	Non-provisional of	60/055,972	08/18/97	
PCT/US98/15949	Non-provisional of	60/056,561	08/19/97	
PCT/US98/15949	Non-provisional of		08/19/97	
PCT/US98/15949	Non-provisional of	60/056,534	08/19/97	38
PCT/US98/15949	Non-provisional of	60/056,729	08/19/97	-13-T
PCT/US98/15949	Non-provisional of	60/056,543		
PCT/US98/15949	Non-provisional of	60/056,727	08/19/97	AVAILABI
PCT/US98/15949	Non-provisional of	60/056,554	08/19/97	5
PCT/US98/15949	Non-provisional of	60/056,730	08/19/97	<u> </u>
10/100,683	Continuation-in-part of	09/969,730	10/04/01	'n
09/969,730	Continuation-in-part of		02/01/01	3
09/774,639	Continuation of	09/244,112	02/04/99	<u> </u>
09/244,112	Continuation-in-part of	PCT/US98/16235	08/04/98	
10/100,683	Continuation-in-part of		02/01/01	
	Continuation of	09/244,112	02/04/99	
09/774,639	Continuation-in-part of	f PCT/US98/16235	08/04/98	
09/244,112	Continuation-in-part o		10/04/01	
10/100,683	Non-provisional of	60/238,291	10/06/00	
09/969,730	. Continuation-in-part of		08/04/98	
10/100,683		60/055,386	08/05/97	
PCT/US98/16235		60/054,807	08/05/97	
PCT/US98/16235	Non-provisional of			

	Non-provisional of	60/055,312	08/05/97	
101700		60/055,309	08/05/97]
101/0000,1000		60/054,798	08/05/97	7
101/0000,121	Molt-bioxicions.	60/055,310	08/05/97	
101/0000		60/054,806	08/05/97	\neg
PCT/US98/16235	Non-provisional of	60/054,809	08/05/97	
PCT/US98/16235	Non-provisional of	60/054,804	08/05/97	\neg
PCT/US98/16235		60/054,803	08/05/97	
PCT/US98/16235	Non-provisional of	60/054,808	08/05/97	\dashv
PCT/US98/16235	Non-provisional of	60/055,311	08/05/97	\dashv
PCT/US98/16235	Non-provisional of	60/055,986	08/18/97	
PCT/US98/16235	Non-provisional of	60/055,970	08/18/97	\neg
PCT/US98/16235	Non-provisional of	60/056,563	08/19/97	
PCT/US98/16235	Non-provisional of		08/19/97	\dashv
PCT/US98/16235	Non-provisional of	60/056,557	08/19/97	
PCT/US98/16235	Non-provisional of	60/056,731	08/19/97	
PCT/US98/16235	Non-provisional of	60/056,365	08/19/97	
PCT/US98/16235	Non-provisional of	60/056,367	08/19/97	
PCT/US98/16235	Non-provisional of	60/056,370	08/19/97	<u>\</u>
PCT/US98/16235	Non-provisional of	60/056,364	08/19/97	
PCT/US98/16235	Non-provisional of	60/056,366		
PCT/US98/16235	Non-provisional of	60/056,732	08/19/97	
PCT/US98/16235	Non-provisional of	60/056,371	08/19/97	
10/100,683	Continuation-in-part of	09/716,128	11/17/00	
09/716,128	Continuation of	09/251,329	02/17/99	
09/251,329	Continuation-in-part of	PCT/US98/17044		
10/100,683	Continuation-in-part o			
PCT/US98/17044	Non-provisional of	60/056,555	08/19/97	
PCT/US98/17044		60/056,556	08/19/97	
PCT/US98/17044		60/056,535	08/19/97	
PCT/US98/17044		60/056,629	08/19/97	
PCT/US98/17044		60/056,369	08/19/97	
PCT/US98/17044		60/056,628	08/19/97	

PCT/US98/17044	Non-provisional of	60/056,728	08/19/97	
01700007	Non-provisional of	60/056,368	08/19/97	
PCT/US98/17044	Non-provisional of	60/056,726	08/19/97	
	Non-provisional of	60/089,510	06/16/98	
PCT/US98/17044	Non-provisional of	60/092,956	07/15/98	
PCT/US98/17044	Continuation-in-part of	09/729,835	12/06/00	
10/100,683	Divisional of	09/257,179	02/25/99	7
09/729,835		PCT/US98/17709	08/27/98	
09/257,179	Continuation-in-part of	09/257,179	02/25/99	٦
10/100,683	Continuation-in-part of	PCT/US98/17709	08/27/98	\dashv
09/257,179	Continuation-in-part of	PCT/US98/17709	08/27/98	\dashv
10/100,683	Continuation-in-part of		08/29/97	\dashv
PCT/US98/17709	Non-provisional of	60/056,270	08/29/97	
PCT/US98/17709	Non-provisional of	60/056,271	08/29/97	
PCT/US98/17709	Non-provisional of	60/056,247		
PCT/US98/17709	Non-provisional of	60/056,073	08/29/97	
10/100,683	Continuation-in-part of	10/047,021	01/17/02	
10/047,021	Continuation-in-part of		11/28/00	<u>ַ</u>
09/722,329	Continuation of	09/262,109	03/04/99	
09/262,109	Continuation-in-part of	PCT/US98/18360	09/03/98	747
	Continuation-in-part of		11/28/00	_
10/100,683	Continuation of	09/262,109	03/04/99	_(
09/722,329	Continuation-in-part o	f PCT/US98/18360	09/03/98	
09/262,109	Continuation-in-part of		01/17/02	(
10/100,683	Non-provisional of	60/262,066	01/18/01	×.
PZ016pct2	<u></u>		09/03/98	
10/100,683	Continuation-in-part of	60/057,626	09/05/97	
PCT/US98/18360	Non-provisional of	60/057,663	09/05/97	
PCT/US98/18360			09/05/97	
PCT/US98/18360		60/057,669	09/12/97	
PCT/US98/18360		60/058,667	09/12/97	
PCT/US98/18360	Non-provisional of	60/058,974		
PCT/US98/18360		60/058,973	09/12/97	
PCT/US98/18360		60/058,666	09/12/97	

PCT/US98/18360 N	Non-provisional of	60/090,112	06/22/98
101/0888/1888		09/281,976	03/31/99
10/100,000	Continuation-in-part of	PCT/US98/20775	10/01/98
59/201,870	Continuation-in-part of	PCT/US98/20775	10/01/98
10/100,000		60/060,837	10/02/97
101/0000/2011	Non-provisional of	60/060,862	10/02/97
0170000		60/060,839	10/02/97
1.01/0000.	Non-provisional of	60/060,866	10/02/97
PCT/US98/20775	Non-provisional of	60/060,843	10/02/97
PCT/US98/20775	Non-provisional of	60/060,836	10/02/97
PCT/US98/20775	Non-provisional of		10/02/97
PCT/US98/20775	Non-provisional of	60/060,838	10/02/97
PCT/US98/20775	Non-provisional of	60/060,874	10/02/97
PCT/US98/20775	Non-provisional of	60/060,833	10/02/97
PCT/US98/20775	Non-provisional of	60/060,884	
PCT/US98/20775	Non-provisional of	60/060,880	10/02/97
10/100,683	Continuation-in-part of	09/984,429	10/30/01
09/984,429	Non-provisional of	60/244,591	11/01/00
09/984,429	Continuation-in-part of	09/288,143	04/08/99
09/288,143	Continuation-in-part of		10/08/98
	Non-provisional of	60/244,591	11/01/00
10/100,683	Continuation-in-part of	09/288,143	04/08/99
10/100,683	Continuation-in-part of		10/08/98
09/288,143	Continuation-in-part of		10/08/98
10/100,683	Non-provisional of	60/061,463	10/09/97
PCT/US98/21142		60/061,529	10/09/97
PCT/US98/21142	Non-provisional of	60/071,498	10/09/97
PCT/US98/21142	Non-provisional of	60/061,527	10/09/97
PCT/US98/21142	Non-provisional of	60/061,536	10/09/97
PCT/US98/21142	Non-provisional of		10/09/97
PCT/US98/21142	Non-provisional of	60/061,532	04/23/99
10/100,683	Continuation-in-part		
09/296,622	Continuation-in-part		
10/100,683	Continuation-in-part	of PCT/US98/2237	0 10/23/96
	Pa	ge 22	Initial 09/20

PCT/US98/22376	Non-provisional of	60/063,099	10/24/97	
PCT/US98/22376	Non-provisional of	60/063,088	10/24/97	
PCT/US98/22376	Non-provisional of	60/063,100	10/24/97	
PCT/US98/22376	Non-provisional of	60/063,387	10/24/97	
PCT/US98/22376	Non-provisional of	60/063,148	10/24/97	
PCT/US98/22376	Non-provisional of	60/063,386	10/24/97	
PCT/US98/22376	Non-provisional of	60/062,784	10/24/97	
PCT/US98/22376	Non-provisional of	60/063,091	10/24/97	
	Non-provisional of	60/063,090	10/24/97	
PCT/US98/22376	Non-provisional of	60/063,089	10/24/97	
PCT/US98/22376	Non-provisional of	60/063,092	10/24/97	
PCT/US98/22376	Non-provisional of	60/063,111	10/24/97	
PCT/US98/22376	Non-provisional of	60/063,101	10/24/97	
PCT/US98/22376	Non-provisional of	60/063,109	10/24/97	
PCT/US98/22376 PCT/US98/22376	Non-provisional of	60/063,110	10/24/97	
	Non-provisional of	60/063,098	10/24/97	
PCT/US98/22376	Non-provisional of	60/063,097	10/24/97	U II
PCT/US98/22376	Continuation-in-part of	of 09/974,879	10/12/01	
10/100,683	Non-provisional of	60/239,893	10/13/00	AV
09/974,879	Continuation-in-part	of 09/818,683	03/28/01	AVAILAB
09/974,879	Continuation of	09/305,736	05/05/99	AB
09/818,683	Continuation-in-part	of PCT/US98/23435	11/04/98	П
09/305,736	Continuation-in-part		03/28/01	S
10/100,683	Continuation of	09/305,736	05/05/99	COPY
09/818,683	Continuation-in-part	of PCT/US98/23435	11/04/98	
09/305,736	Continuation-in-part		05/05/99	
10/100,683	Continuation-in-part		11/04/98	
09/305,736	Continuation-in-part			
10/100,683		60/064,911	11/07/97	
PCT/US98/23435		60/064,912	11/07/97	
PCT/US98/23435		60/064,983	11/07/97	
PCT/US98/23435		60/064,900	11/07/97	

PCT/US98/23435	Non-provisional of	60/064,988	11/07/97	
01/0000/20		60/064,987	11/07/97	_
01/0000	Non-provisional of	60/064,908	11/07/97	
01/0000,40	Non-provisional of	60/064,984	11/07/97	_
01,000	Non-provisional of	60/064,985	11/07/97	_
PCT/US98/23435	Non-provisional of	60/066,094	11/17/97	
PCT/US98/23435	Non-provisional of	60/066,100	11/17/97	
PCT/US98/23435	Non-provisional of	60/066,089	11/17/97	
PCT/US98/23435	Non-provisional of	60/066,095	11/17/97	
PCT/US98/23435	Non-provisional of	60/066,090	11/17/97	
10/100,683	Continuation-in-part of	09/334,595	06/17/99	
09/334,595	Continuation-in-part of	PCT/US98/27059	12/17/98	
10/100,683	Continuation-in-part of	PCT/US98/27059	12/17/98	
PCT/US98/27059	Non-provisional of	60/070,923	12/18/97	
PCT/US98/27059	Non-provisional of	60/068,007	12/18/97	
PCT/US98/27059	Non-provisional of	60/068,057	12/18/97	
PCT/US98/27059	Non-provisional of	60/068,006	12/18/97	
PCT/US98/27059	Non-provisional of	60/068,369	12/19/97	
PCT/US98/27059	Non-provisional of	60/068,367	12/19/97	
PCT/US98/27059	Non-provisional of	60/068,368	12/19/97	
PCT/US98/27059	Non-provisional of	60/068,169	12/19/97	
PCT/US98/27059	Non-provisional of	60/068,053	12/18/97	
PCT/US98/27059	Non-provisional of	60/068,064	12/18/97	
PCT/US98/27059	Non-provisional of	60/068,054	12/18/97	
PCT/US98/27059	Non-provisional of	60/068,008	12/18/97	
PCT/US98/27059	Non-provisional of	60/068,365	12/19/97	
10/100,683	Continuation-in-part of	of 09/938,671	08/27/01	
	Continuation of	09/739,907	12/20/00	
09/938,671	Continuation of	09/348,457	07/07/99	
09/739,907	Continuation-in-part	of PCT/US99/00108	01/06/99	
09/348,457	Continuation-in-part		12/20/00	
10/100,683	Continuation of	09/348,457	07/07/99	

09/348,457	Continuation-in-part of	PCT/US99/00108	01/06/99	
10/100,683	Continuation-in-part of	09/348,457	07/07/99	
09/348,457	Continuation-in-part of	PCT/US99/00108	01/06/99	
10/100,683		PCT/US99/00108	01/06/99	
PCT/US99/00108	Non-provisional of	60/070,704	01/07/98	
PCT/US99/00108	Non-provisional of	60/070,658	01/07/98	
PCT/US99/00108	Non-provisional of	60/070,692	01/07/98	
PCT/US99/00108	Non-provisional of	60/070,657	01/07/98	
10/100,683	Continuation-in-part of	09/949,925	09/12/01	
09/949,925	Non-provisional of	60/232,150	09/12/00	
09/949,925	Continuation-in-part of	PCT/US99/01621	01/27/99	
09/949,925	Continuation-in-part of	09/363,044	07/29/99	·
09/363,044	Continuation-in-part of	PCT/US99/01621	01/27/99	
10/100,683	Continuation-in-part of	09/813,153	03/21/01	
09/813,153	Continuation of	09/363,044	07/29/99	
	Continuation-in-part of	PCT/US99/01621	01/27/99	
09/363,044	Continuation-in-part of	09/363,044	07/29/99	
10/100,683	Continuation-in-part of	PCT/US99/01621	01/27/99	
09/363,044	Continuation-in-part of	PCT/US99/01621	01/27/99	0
10/100,683	Non-provisional of	60/073,170	01/30/98	
PCT/US99/01621	Non-provisional of	60/073,167	01/30/98	~
PCT/US99/01621	Non-provisional of	60/073,165	01/30/98	
PCT/US99/01621	Non-provisional of	60/073,164	01/30/98	AB
PCT/US99/01621	Non-provisional of	60/073,162	01/30/98	П
PCT/US99/01621	Non-provisional of	60/073,161	01/30/98	2
PCT/US99/01621	Non-provisional of	60/073,160	01/30/98	COPY
PCT/US99/01621		60/073,159	01/30/98	
PCT/US99/01621	Non-provisional of		02/05/02	
10/100,683	Continuation-in-part of	09/369,247	08/05/99	
10/062,548	Continuation of		02/04/99	
09/369,247	Continuation-in-part o		08/05/99	
10/100,683	Continuation-in-part o		02/04/99	
09/369,247	Continuation-in-part o	1 FC1/0393/02293		

10/100,683	Continuation-in-part of	PCT/US99/02293	02/04/99	
PCT/US99/02293	Non-provisional of	60/074,118	02/09/98	
PCT/US99/02293	Non-provisional of	60/074,157	02/09/98	
PCT/US99/02293	Non-provisional of	60/074,037	02/09/98	
PCT/US99/02293	Non-provisional of	60/074,141	02/09/98	
PCT/US99/02293	Non-provisional of	60/074,341	02/09/98	
10/100,683	Continuation-in-part of	09/716,129	11/17/00	
09/716,129	Continuation-in-part of	PCT/US99/03939	02/24/99	
09/716,129	CON	09/382,572	08/25/99	
09/382,572	Continuation-in-part of	PCT/US99/03939	02/24/99	
10/100,683	Continuation-in-part of	PCT/US99/03939	02/24/99	
PCT/US99/03939	Non-provisional of	60/076,053	02/26/98	
PCT/US99/03939	Non-provisional of	60/076,051	02/26/98	
PCT/US99/03939	Non-provisional of	60/076,054	02/26/98	
PCT/US99/03939	Non-provisional of	60/076,052	02/26/98	
PCT/US99/03939	Non-provisional of	60/076,057	02/26/98	
10/100,683	Continuation-in-part of	09/798,889	03/06/01	
09/798,889	CON	09/393,022	09/09/99	U M
09/393,022	Continuation-in-part of	PCT/US99/05721	03/11/99	ISE
10/100,683	Continuation-in-part of		03/11/99	
PCT/US99/05721	Non-provisional of	60/077,714	03/12/98	AVAILA
PCT/US99/05721	Non-provisional of	60/077,686	03/12/98	5
PCT/US99/05721	Non-provisional of	60/077,687	03/12/98	8
PCT/US99/05721	Non-provisional of	60/077,696	03/12/98	- M
10/100,683	Continuation-in-part of	09/397,945	09/17/99	COP
09/397,945	Continuation-in-part of		03/18/99	€ ;
10/100,683	Continuation-in-part of		03/18/99	
PCT/US99/05804	Non-provisional of	60/078,566	03/19/98	
PCT/US99/05804	Non-provisional of	60/078,576	03/19/98	
·	Non-provisional of	60/078,573	03/19/98	
PCT/US99/05804	Non-provisional of	60/078,574	03/19/98	
PCT/US99/05804		60/078,579	03/19/98	

CT/US99/05804	Non-provisional of	60/080,314	04/01/98	
CT/US99/05804	•	60/080,312	04/01/98	
CT/US99/05804	Non-provisional of	60/078,578	03/19/98	
PCT/US99/05804		60/078,581	03/19/98	
CT/US99/05804	Non-provisional of	60/078,577	03/19/98	
PCT/US99/05804	Non-provisional of	60/078,563	03/19/98	
PCT/US99/05804	Non-provisional of	60/080,313	04/01/98	
10/100,683	Continuation-in-part of	09/948,783	09/10/01	
09/948,783	Non-provisional of	60/231,846	09/11/00	
09/948,783	Continuation-in-part of	09/892,877	06/28/01	
09/892,877	Continuation of	09/437,658	11/10/99	
09/892,677	Continuation-in-part of	PCT/US99/09847	05/06/99	
10/100,683	Continuation-in-part of	09/892,877	06/28/01	
09/892,877	Continuation of	09/437,658	11/10/99	
09/437,658	Continuation-in-part of	PCT/US99/09847	05/06/99	
10/100,683	Continuation-in-part of	PCT/US99/09847	05/06/99	
PCT/US99/09847	Non-provisional of	60/085,093	05/12/98	
PCT/US99/09847	Non-provisional of	60/085,094	05/12/98	
PCT/US99/09847	Non-provisional of	60/085,105	05/12/98	(1)
PCT/US99/09847	Non-provisional of	60/085,180	05/12/98	•
PCT/US99/09847	Non-provisional of	60/085,927	05/18/98	NA C
PCT/US99/09847	Non-provisional of	60/085,906	05/18/98	
PCT/US99/09847	Non-provisional of	60/085,920	05/18/98	12
PCT/US99/09847	Non-provisional of	60/085,924	05/18/98	П
PCT/US99/09847	Non-provisional of	60/085,922	05/18/98	COPY
PCT/US99/09847	Non-provisional of	60/085,923	05/18/98	7
PCT/US99/09847	Non-provisional of	60/085,921	05/18/98	
PCT/US99/09847	Non-provisional of	60/085,925	05/18/98	
PCT/US99/09847		60/085,928	05/18/98	
10/100,683	Continuation-in-part of	f 10/050,873	01/18/02	
	Non-provisional of	60/263,681	01/24/01	
10/050,873	Non-provisional of	60/263,230	01/23/01	

10/050,873	Continuation	09/461,325	12/14/99	
09/461,325	Continuation-in-part of	PCT/US99/13418	06/15/99	
10/100,683		10/012,542	12/12/01	
10/012,542	Divisional of	09/461,325	12/14/99	
09/461,325	Continuation-in-part of	PCT/US99/13418	06/15/99	
10/100,683	Continuation-in-part of	09/461,325	12/14/99	
09/461,325	Continuation-in-part of	PCT/US99/13418	06/15/99	
10/100,683	Continuation-in-part of	PCT/US99/13418	06/15/99	
PCT/US99/13418	Non-provisional of	60/089,507	06/16/98	
PCT/US99/13418	Non-provisional of	60/089,508	06/16/98	į
PCT/US99/13418	Non-provisional of	60/089,509	06/16/98	
PCT/US99/13418	Non-provisional of	60/089,510	06/16/98	
	Non-provisional of	60/090,112	06/22/98	
PCT/US99/13418	Non-provisional of	60/090,113	06/22/98	
PCT/US99/13418	Continuation-in-part of	09/984,271	10/29/01	1
10/100,683	Divisional of	09/482,273	01/13/00	1
09/984,271	Continuation-in-part of	PCT/US99/15849	07/14/99	1
09/482,273	_	09/984,276	10/29/01	1
10/100,683	Continuation-in-part of	09/482,273	01/13/00	
09/984,276	Divisional of		07/14/99	
09/482,273	Continuation-in-part of		01/13/00	, š
10/100,683	Continuation-in-part of		07/14/99	N.
09/482,273	Continuation-in-part of			
10/100,683	Continuation-in-part of			7
PCT/US99/15849	Non-provisional of	60/092,921	07/15/98	
PCT/US99/15849	Non-provisional of	60/092,922	07/15/98	
PCT/US99/15849	Non-provisional of	60/092,956	07/15/98	_
10/100,683	Continuation-in-part of	PCT/US01/29871	09/24/01	
PCT/US01/29871	Non-provisional of	60/234,925	09/25/00	
PCT/US01/29871	Continuation-in-part o	f PCT/US01/00911	01/12/01	
10/100,683	Continuation-in-part of		01/12/01	
PCT/US01/00911			01/13/00	
10/100,683	Non-provisional of	60/350,898	01/25/02	

i

10/100,683	Continuation-in-part of	09/489,847	01/24/00	
9/489,847	Continuation-in-part of	PCT/US99/17130	07/29/99	
70/100,683	Continuation-in-part of	PCT/US99/17130	07/29/99	
PCT/US99/17130	Non-provisional of	60/094,657	07/30/98	
PCT/US99/17130	Non-provisional of	60/095,486	08/05/98	
PCT/US99/17130	Non-provisional of	60/096,319	08/12/98	
PCT/US99/17130	Non-provisional of	60/095,454	08/06/98	
PCT/US99/17130	Non-provisional of	60/095,455	08/06/98	
10/100,683	Continuation-in-part of	10/054,988	01/25/02	
10/054,988	Continuation of	09/904,615	07/16/01	
09/904,615	Continuation of	09/739,254	12/19/00	
09/739,254	Continuation of	09/511,554	02/23/00	
09/511,554	Continuation-in-part of	PCT/US99/19330	08/24/99	
10/100,683	Continuation-in-part of	09/904,615	07/16/01	
09/904,615	Continuation of	09/739,254	12/19/00	
09/739,254	Continuation of	09/511,554	02/23/00	
09/511,554	Continuation-in-part of	PCT/US99/19330	08/24/99	
10/100,683	Continuation-in-part of		08/24/99	
PCT/US99/19330	Non-provisional of	60/097,917	08/25/98	
PCT/US99/19330	Non-provisional of	60/098,634	08/31/98	7
10/100,683	Continuation-in-part of	09/820,893	03/30/01	ח
	Continuation of	09/531,119	03/20/00	4
09/820,893	Continuation-in-part of	PCT/US99/22012	09/22/99	NA II
10/100,683	Continuation-in-part of		09/22/99	
PCT/US99/22012	Non-provisional of	60/101,546	09/23/98	B
	Non-provisional of	60/102,895	10/02/98	Π
PCT/US99/22012	Continuation-in-part o		09/10/01	3
10/100,683	Continuation of	09/565,391	05/05/00	7
09/948,820	Continuation-in-part of		11/09/99	
09/565,391	Continuation-in-part of		05/05/00	
10/100,683	Continuation-in-part of		11/09/99	
09/565,391	Continuation-in-part		11/09/99	
10/100,683				

PCT/US99/26409	Non-provisional of	60/108,207	11/12/98	
10/100,683	Continuation in part of	09/895,298	07/02/01	
09/895,298		09/591,316	06/09/00	
09/591,316	Continuation-in-part of	PCT/US99/29950	12/16/99	
10/100,683	Continuation-in-part of	PCT/US99/29950	12/16/99	
PCT/US99/29950	Non-provisional of	60/113,006	12/18/98	
PCT/US99/29950	Non-provisional of	60/112,809	12/17/98	
10/100,683	Continuation-in-part of	09/985,153	11/01/01	
09/985,153	Continuation of	09/618,150	07/17/00	_,
09/618,150	Continuation-in-part of	PCT/US00/00903	01/18/00	
10/100,683	Continuation-in-part of	PCT/US00/00903	01/18/00	_
PCT/US00/00903	Non-provisional of	60/116,330	01/19/99	
10/100,683	Continuation-in-part of	09/997,131	11/30/01	
09/997,131	Continuation of	09/628,508	07/28/00	
09/628,508	Continuation-in-part of	PCT/US00/03062	02/08/00	
10/100,683	Continuation-in-part of	PCT/US00/03062	02/08/00	
PCT/US00/03062	Non-provisional of	60/119,468	02/10/99	
10/100,683	Continuation-in-part of	10/050,882	01/18/02	
10/050,882	Continuation of	09/661,453	09/13/00	-
09/661,453	Continuation-in-part of	PCT/US00/06783	03/16/00	BEX
10/100,683	Continuation-in-part of	09/661,453	09/13/00	ST
09/661,453	Continuation-in-part of		03/16/00	*
10/100,683	Continuation-in-part of		03/16/00	1
PCT/US00/06783	Non-provisional of	60/125,055	03/18/99	AB
10/100,683	Continuation-in-part of	10/050,704	01/18/02	m
10/050,704	Continuation of	09/684,524	10/10/00	CO
09/684,524	Continuation-in-part of	PCT/US00/08979	04/06/00	PY
	Continuation-in-part of		10/10/00	
10/100,683	Continuation-in-part of		04/06/00	
09/684,524	Continuation-in-part o		04/06/00	
10/100,683 PCT/US00/08979	Non-provisional of	60/128,693	04/09/99	
PCT/US00/08979	Non-provisional of	60/130,991	04/26/99	

0/100,683	Continuation-in-part of	10/042,141	01/11/02
0/042,141	Continuation of	09/726,643	12/01/00
09/726,643	Continuation-in-part of	PCT/US00/15187	06/02/00
10/100,683	Continuation-in-part of	09/726,643	12/01/00
09/726,643	Continuation-in-part of	PCT/US00/15187	06/02/00
10/100,683	Continuation-in-part of	PCT/US00/15187	06/02/00
PCT/US00/15187	Non-provisional of	60/137,725	06/07/99
10/100,683	Continuation-in-part of	09/756,168	01/09/01
09/756,168	Continuation-in-part of	PCT/US00/19735	07/23/99
10/100,683	Continuation-in-part of	PCT/US00/19735	07/20/00
PCT/US00/19735	Non-provisional of	60/145,220	07/23/99
10/100,683	Continuation-in-part of	PZ042P1C1	02/01/02
PZ042P1C1	Continuation of	09/781,417	02/13/01
09/781,417	Continuation-in-part of	PCT/US00/22325	08/16/00
10/100,683	Continuation-in-part of	09/781,417	02/13/01
09/781,417	Continuation-in-part of	PCT/US00/22325	08/16/00
10/100,683	Continuation-in-part of	PCT/US00/22325	08/16/00
PCT/US00/22325	Non-provisional of	60/149,182	08/17/99
10/100,683	Continuation-in-part of	09/789,561	02/22/0
09/789,561	Continuation-in-part of	PCT/US00/24008	08/31/0
10/100,683	Continuation-in-part of	PCT/US00/24008	08/31/0
PCT/US00/24008	Non-provisional of	60/152,315	09/03/9
PCT/US00/24008	Non-provisional of	60/152,317	09/03/9
10/100,683	Continuation-in-part of	09/800,729	03/08/0
09/800,729	Continuation-in-part of		09/22/0
10/100,683	Continuation-in-part of		09/22/0
PCT/US00/26013	Non-provisional of	60/155,709	09/24/9
10/100,683	Continuation-in-part of	09/832,129	04/11/0
	Continuation-in-part o		10/17/0
09/832,129	Continuation-in-part o		10/17/
10/100,683 PCT/US00/28664	Non-provisional of	60/163,085	11/02/
PCT/US00/28664	Non-provisional of	60/172,411	12/17/

	Continuation-in-part of	PCT/US00/29363	10/25/00
10/100,683	Non-provisional of	60/215,139	06/30/00
PCT/US00/29363	Non-provisional of	60/162,239	10/29/99
PCT/US00/29363	Continuation-in-part of	PCT/US00/29360	10/25/00
10/100,683	Non-provisional of	60/215,138	06/30/00
PCT/US00/29360	Non-provisional of	60/162,211	10/29/99
PCT/US00/29360		PCT/US00/29362	10/25/00
10/100,683	Continuation-in-part of	60/215,131	06/30/00
PCT/US00/29362	Non-provisional of	60/162,240	10/29/99
PCT/US00/29362	Non-provisional of	PCT/US00/29365	10/25/00
10/100,683	Continuation-in-part of		07/21/00
PCT/US00/29365	Non-provisional of	60/219,666	10/29/99
PCT/US00/29365	Non-provisional of	60/162,237	10/25/00
10/100,683	Continuation-in-part of		06/30/00
PCT/US00/29364	Non-provisional of	60/215,134	10/29/99
PCT/US00/29364	Non-provisional of	60/162,238	
10/100,683	Continuation-in-part of		11/01/00
PCT/US00/30040	Non-provisional of	60/215,130	06/30/00
PCT/US00/30040	Non-provisional of	60/163,580	11/05/99
10/100,683	Continuation-in-part o	f PCT/US00/30037	11/01/00
PCT/US00/30037	Non-provisional of	60/215,137	S
PCT/US00/30037	Non-provisional of	60/163,577	11/05/99
10/100,683	Continuation-in-part of	f PCT/US00/30045	\$ 11/01/00
PCT/US00/30045	Non-provisional of	60/215,133	06/30/00
PCT/US00/30045	Non-provisional of	60/163,581	<u>D</u> 11/05/99
	Continuation-in-part of	of PCT/US00/30036	11/01/00
10/100,683		60/221,366	07/27/00
PCT/US00/30036		60/163,576	11/05/99
PCT/US00/30036	Continuation-in-part		11/01/00
10/100,683		60/221,367	07/27/00
PCT/US00/30039		60/195,296	04/07/00
PCT/US00/30039		60/164,344	11/09/99
PCT/US00/30039			11/08/00
10/100,683	Continuation-in-part	01 PC1/0300/30034	

		60/221,142	07/27/00
P.CT/US00/30654	Non-provisional of		11/12/99
PCT/US00/30654	Non-provisional of	60/164,835	
10/100,683	Continuation-in-part of	PCT/US00/30628	11/08/00
PCT/US00/30628	Non-provisional of	60/215,140	06/30/00
PCT/US00/30628	Non-provisional of	60/164,744	11/12/99
10/100,683	Continuation-in-part of	PCT/US00/30653	11/08/00
PCT/US00/30653	Non-provisional of	60/221,193	07/27/00
PCT/US00/30653	Non-provisional of	60/164,735	11/12/99
10/100,683	Continuation-in-part of	PCT/US00/30629	11/08/00
PCT/US00/30629	Non-provisional of	60/222,904	08/03/00
PCT/US00/30629	Non-provisional of	60/164,825	11/12/99
10/100,683	Continuation-in-part of	PCT/US00/30679	11/08/00
PCT/US00/30679	Non-provisional of	60/224,007	08/04/00
PCT/US00/30679	Non-provisional of	60/164,834	11/12/99
10/100,683	Continuation-in-part of	PCT/US00/30674	11/08/00
PCT/US00/30674	Non-provisional of	60/215,128	06/30/00
	Non-provisional of	60/164,750	11/12/99
PCT/US00/30674	Continuation-in-part of	PCT/US00/31162	11/15/00
10/100,683	Non-provisional of	60/215,136	06/30/00
60/215,136	Non-provisional of	60/166,415	11/19/99
60/215,136		PCT/US00/31282	11/15/00
10/100,683	Continuation-in-part of	60/219,665	
PCT/US00/31282	Non-provisional of		07/21/00
PCT/US00/31282	Non-provisional of	60/166,414	
10/100,683	Continuation-in-part of		<u> </u>
PCT/US00/30657	Non-provisional of	60/215,132	
PCT/US00/30657	Non-provisional of	60/164,731	3 11/12/99 01/17/01
10/100,683	Continuation-in-part of		
60/256,968	Non-provisional of	60/256,968	12/21/00
60/256,968	Non-provisional of	60/226,280	08/18/00
10/100,683	Continuation-in-part of	PCT/US01/01387	01/17/01
60/259,803	Non-provisional of	60/259,803	01/05/01
60/259,803	Non-provisional of	60/226,380	08/18/00

	Continuation-in-part of	PCT/US01/01567	01/17/01
10/100,683	Non-provisional of	60/228,084	08/28/00
PCT/US01/01567	Continuation-in-part of	PCT/US01/01431	01/17/01
10/100,683	Non-provisional of	60/231,968	09/12/00
PCT/US01/01431	Continuation-in-part of	09/915,582	07/27/01
PCT/US01/01431	Continuation-in-part of	PCT/US01/01432	01/17/01
10/100,683		60/236,326	09/29/00
PCT/US01/01432	Non-provisional of	PCT/US01/00544	01/09/01
10/100,683	Continuation-in-part of	60/234,211	09/20/00
PCT/US01/00544	Non-provisional of	PCT/US01/01435	01/17/01
10/100,683	Continuation-in-part of		08/18/00
PCT/US01/01435	Non-provisional of	60/226,282	01/17/01
10/100,683	Continuation-in-part of	PCT/US01/01386	09/12/00
PCT/US01/01386	Non-provisional of	60/232,104	01/17/01
10/100,683	Continuation-in-part of	PCT/US01/01565	
PCT/US01/01565	Non-provisional of	60/234,210	09/20/00
10/100,683	Continuation-in-part of	PCT/US01/01394	01/17/01
PCT/US01/01394	Non-provisional of	60/259,805	01/05/01
PCT/US01/01394	Non-provisional of	60/226,278	08/18/00
10/100,683	Continuation-in-part of	PCT/US01/01434	01/17/01
PCT/US01/01434	Non-provisional of	60/259,678	01/05/01
PCT/US01/01434	Non-provisional of	60/226,279	08/18/00
10/100,683	Continuation-in-part of	PCT/US01/01397	01/17/01
PCT/US01/01397	Non-provisional of	60/226,281	08/18/00
	Continuation-in-part of	PCT/US01/01385	01/17/01
10/100,683	Non-provisional of	60/231,969	1 09/12/00
PCT/US01/01385	Continuation-in-part of		01/17/01
10/100,683	Non-provisional of	60/259,516	01/04/01
PCT/US01/01384		60/228,086	08/28/00
PCT/US01/01384	Non-provisional of		01/17/0
10/100,683	Continuation-in-part o	60/259,804	01/05/0
PCT/US01/01383			08/28/0
PCT/US01/01383		60/228,083	02/21/0
10/100,683	Continuation-in-part of	of PCT/US02/05064	0212170

PCT/US02/05064	Non-provisional of	60/304,444	0//12/01
		60/270,658	02/23/01
PCT/US02/05064	Non-provisional of		02/21/02
10/100,683	Continuation-in-part of	PCT/US02/05301	
PCT/US02/05301	Non-provisional of	60/304,417	07/12/01
PCT/US02/05301	Non-provisional of	60/270,625	02/23/01
	Non-provisional of	60/304,121	07/11/01
10/100,683		60/295,869	06/06/01
10/100,683	Non-provisional of		09/28/01
10/100,683	Non-provisional of	60/325,209	
10/100,683	Non-provisional of	60/311,085	08/10/01
	Non-provisional of	60/330,629	10/26/01
10/100,683	·	60/331,046	11/07/01
10/100,683	Non-provisional of		02/22/02
10/100,683	Non-provisional of	60/358,554	
10/100,683	Non-provisional of	60/358,714	02/25/02
0/ 00,000	1		